

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018370.D
 Acq On : 18 Mar 2021 16:01
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 18 16:59:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 16:58:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	621601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	560866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	267489	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42504	5.88	ug/L	0.00
7) Chloroethane-d5	2.892	69	37605	6.34	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	34259	2.18	ug/L	0.00
20) 2-Butanone-d5	7.080	46	18347	10.76	ug/L	0.00
24) Chloroform-d	7.653	84	76054	4.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	44355	4.69	ug/L	0.00
29) Benzene-d6	8.275	84	148532	4.92	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	42506	5.03	ug/L	0.00
37) Toluene-d8	10.323	98	140650	4.83	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	21464	5.03	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	15970	10.84	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.689	84	37870	5.15	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	46266	4.66	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	32971	3.99	ug/L	98
3) Chloromethane	2.215	50	41589	6.49	ug/L	95
5) Vinyl chloride	2.367	62	56765	6.02	ug/L	95
6) Bromomethane	2.782	94	41232	5.89	ug/L	100
8) Chloroethane	2.928	64	35503	6.42	ug/L	98
9) Trichlorofluoromethane	3.263	101	26068	3.69	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	35317	4.05	ug/L #	82
12) 1,1-Dichloroethene	4.044	96	36955	4.52	ug/L	88
13) Acetone	4.123	43	15050	11.50	ug/L	99
14) Carbon disulfide	4.391	76	110873	4.64	ug/L	100
15) Methyl Acetate	4.666	43	15310	5.31	ug/L	100
16) Methylene chloride	4.916	84	52545	5.45	ug/L	90
17) Methyl tert-butyl Ether	5.434	73	54783	5.52	ug/L #	88
18) trans-1,2-Dichloroethene	5.422	96	41897	4.81	ug/L	95
19) 1,1-Dichloroethane	6.220	63	71436	4.96	ug/L	97
22) cis-1,2-Dichloroethene	7.165	96	42691	4.67	ug/L	98
23) Bromochloromethane	7.513	128	19830	4.85	ug/L	94
25) Chloroform	7.677	83	75344	4.64	ug/L	99
27) 1,2-Dichloroethane	8.397	62	54389	4.93	ug/L	99
30) Cyclohexane	7.958	56	65652	5.32	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	60763	4.47	ug/L	96
32) Carbon tetrachloride	8.067	117	55682	4.26	ug/L	99
34) Benzene	8.330	78	160821	4.93	ug/L	100
35) Trichloroethene	9.092	95	43198	4.59	ug/L	98
36) Methylcyclohexane	9.335	83	78033	5.07	ug/L	97
40) 1,2-Dichloropropane	9.372	63	39963	5.23	ug/L	97
41) Bromodichloromethane	9.640	83	54114	4.62	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	65703	5.11	ug/L	95
43) 4-Methyl-2-pentanone	10.207	43	47411	11.50	ug/L	97
44) Toluene	10.390	91	178311	4.89	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	57797	4.98	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	30590	4.86	ug/L	92

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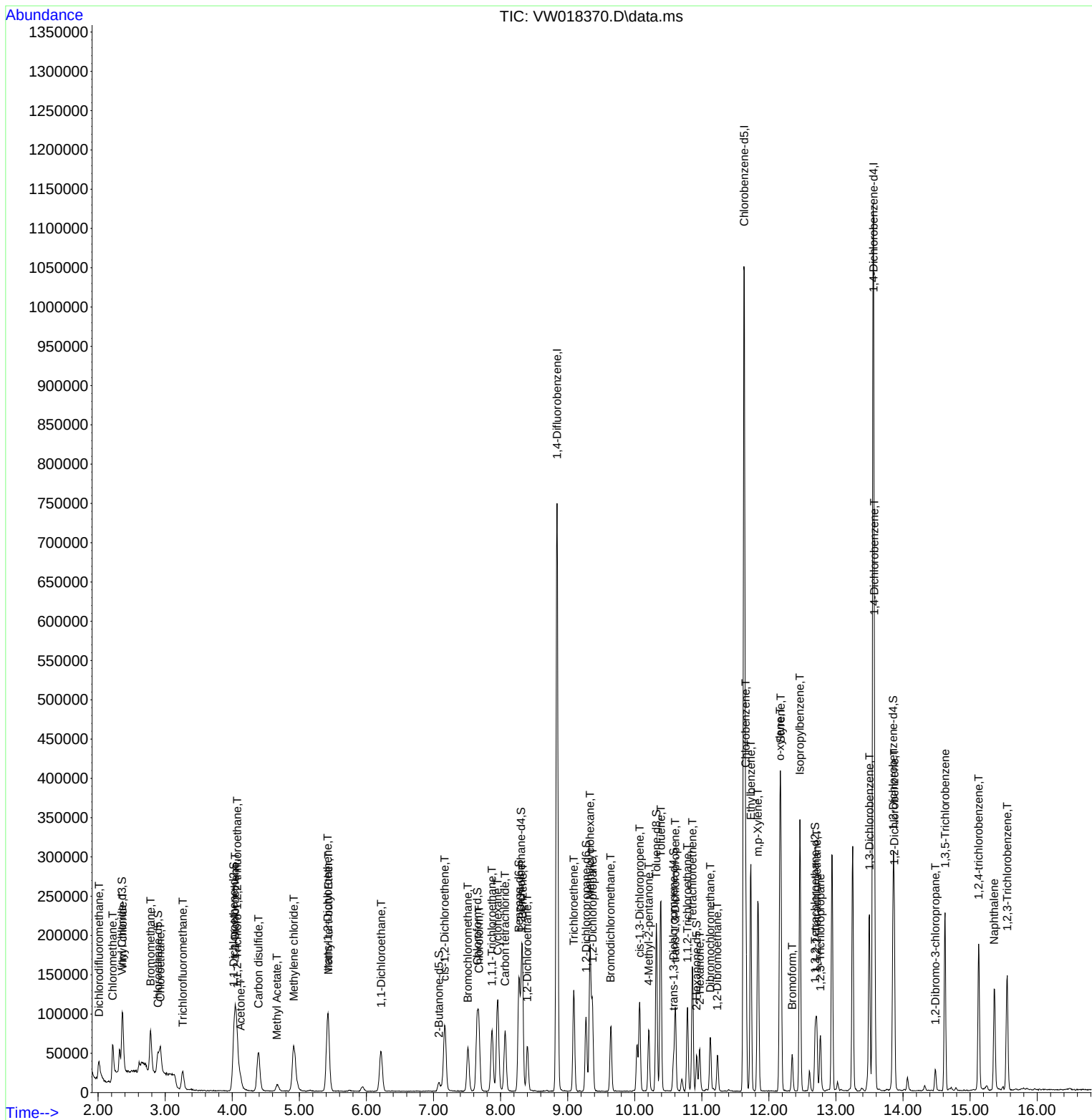
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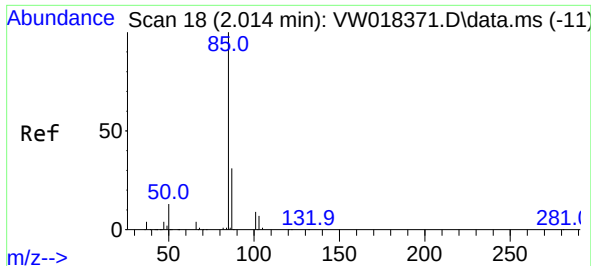
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	10.860	164	32945	4.66	ug/L	93
49) 2-Hexanone	10.969	43	33035	11.54	ug/L	97
50) Dibromochloromethane	11.128	129	35169	4.62	ug/L	93
51) 1,2-Dibromoethane	11.232	107	30486	4.91	ug/L #	94
52) Chlorobenzene	11.652	112	111916	4.74	ug/L	98
53) Ethylbenzene	11.731	91	200287	4.80	ug/L	99
54) m,p-Xylene	11.835	106	75499	4.75	ug/L	99
55) o-xylene	12.164	106	72312	4.84	ug/L	98
56) Styrene	12.176	104	118901	4.65	ug/L	99
57) Isopropylbenzene	12.463	105	195535	4.67	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.713	83	37417	5.08	ug/L	91
59) 1,2,3-Trichloropropane	12.768	75	28212	5.06	ug/L	90
62) Bromoform	12.347	173	19449	4.86	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	85503	4.84	ug/L	98
64) 1,4-Dichlorobenzene	13.573	146	86464	4.91	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	76117	4.74	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	6977	5.37	ug/L	86
67) 1,3,5-Trichlorobenzene	14.627	180	63034	4.90	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	54118	5.08	ug/L	94
69) Naphthalene	15.359	128	109716	5.12	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	45562	4.86	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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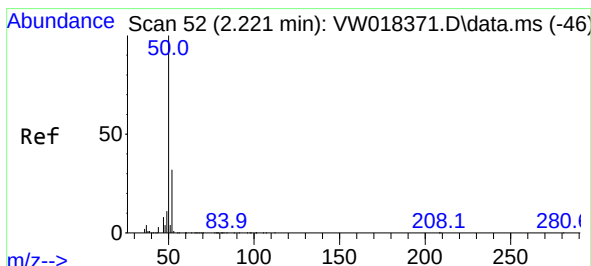
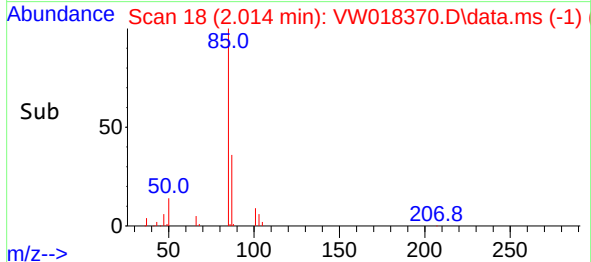
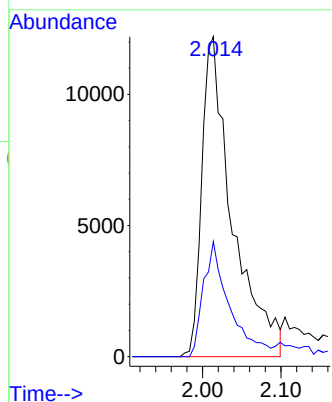
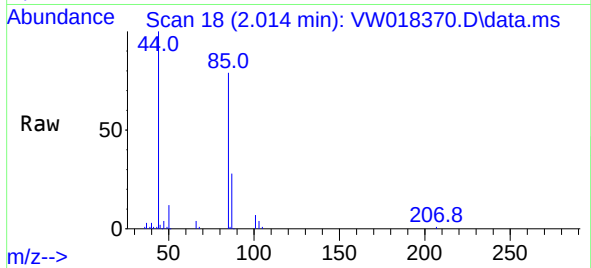




#2
Dichlorodifluoromethane
Concen: 3.99 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

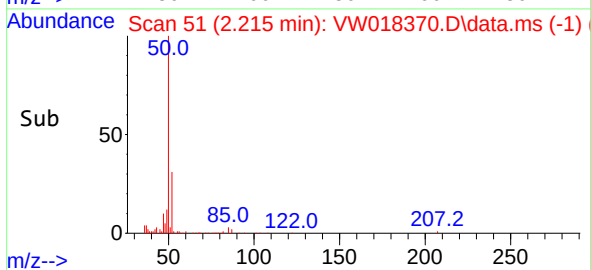
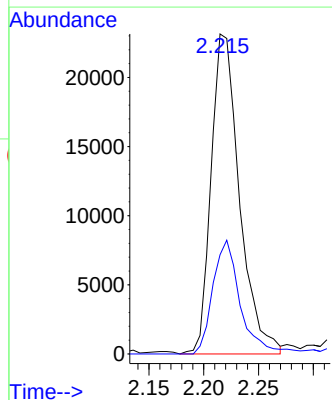
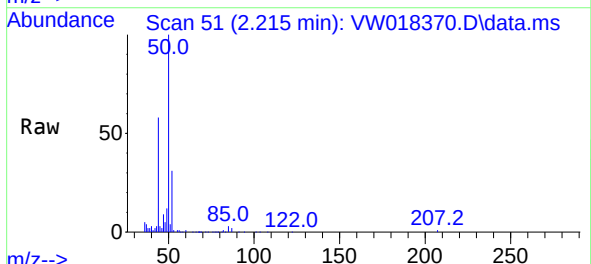
Instrument :
MSVOA_W
ClientSampled :

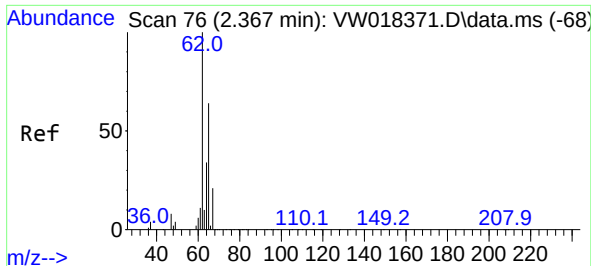
Tgt Ion: 85 Resp: 32971
Ion Ratio Lower Upper
85 100
87 30.8 22.2 41.2



#3
Chloromethane
Concen: 6.49 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 50 Resp: 41589
Ion Ratio Lower Upper
50 100
52 31.0 23.7 43.9

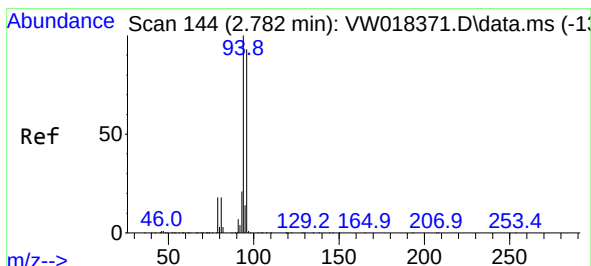
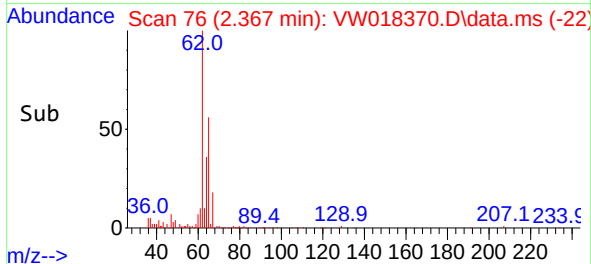
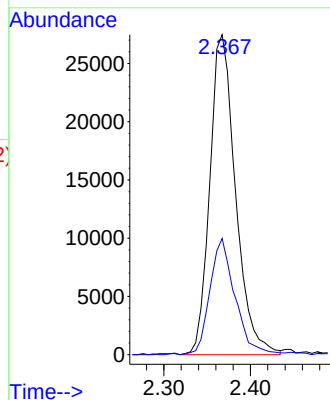
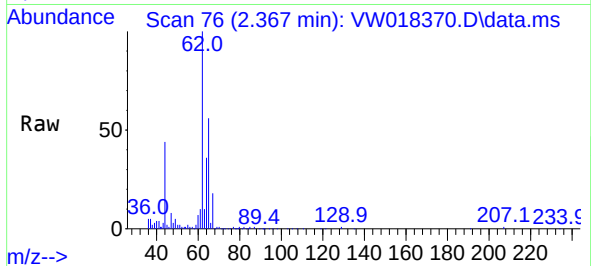




#5
 Vinyl chloride
 Concen: 6.02 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018370.D
 Acq: 18 Mar 2021 16:01

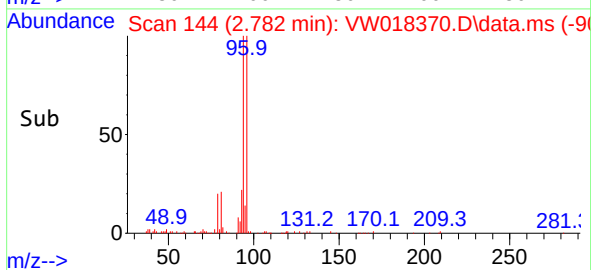
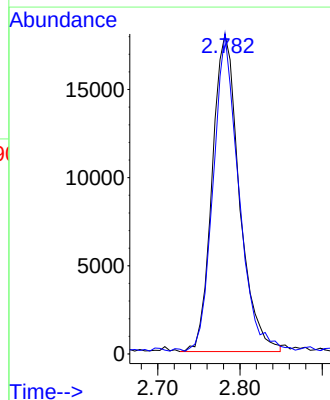
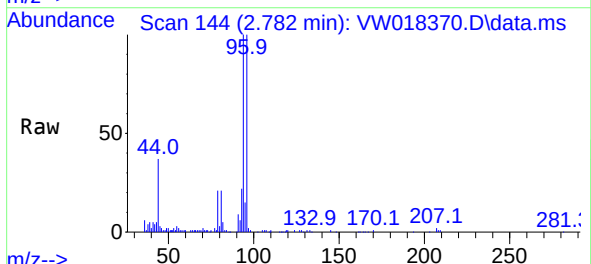
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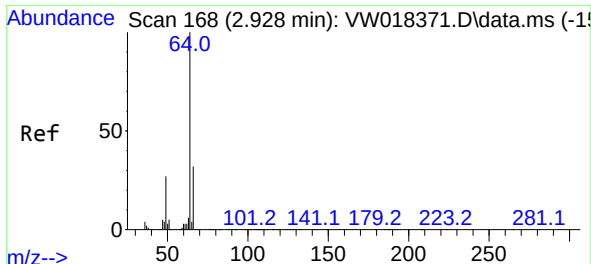
Tgt Ion: 62 Resp: 56765
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.5 43.7



#6
 Bromomethane
 Concen: 5.89 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018370.D
 Acq: 18 Mar 2021 16:01

Tgt Ion: 94 Resp: 41232
 Ion Ratio Lower Upper
 94 100
 96 94.7 9.4 179.4

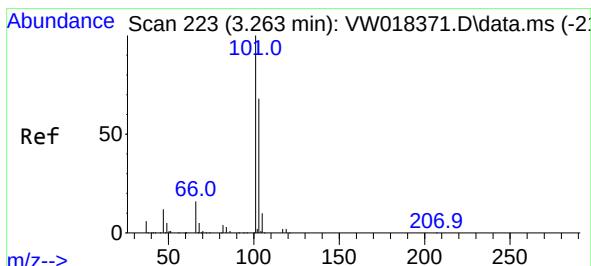
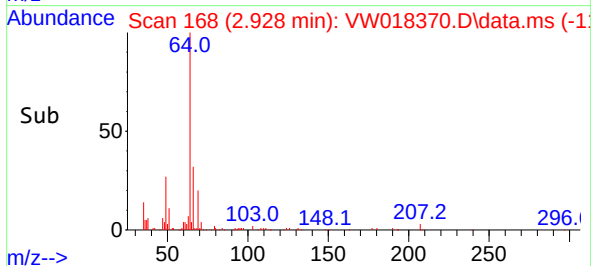
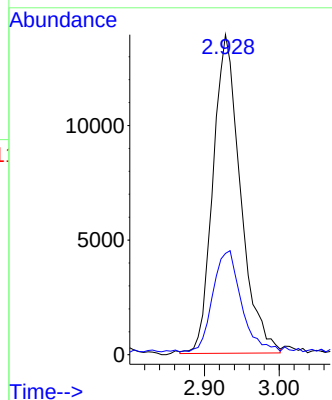
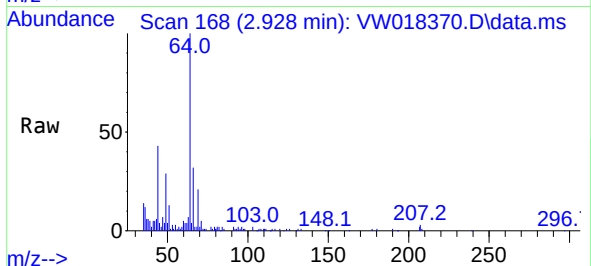




#8
Chloroethane
Concen: 6.42 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

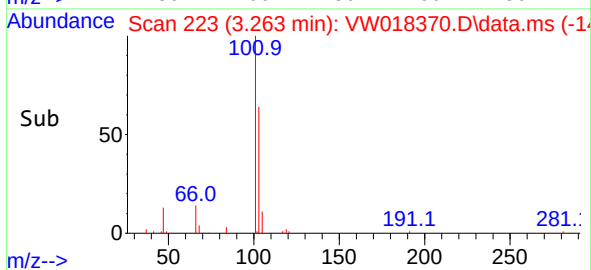
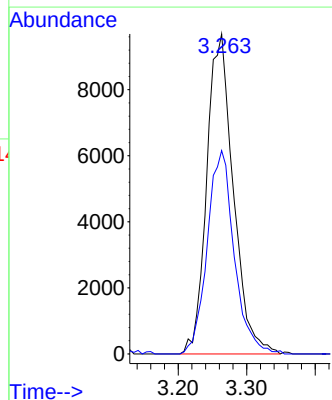
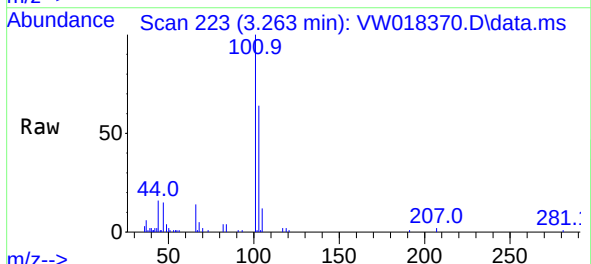
Instrument :
MSVOA_W
ClientSampled :

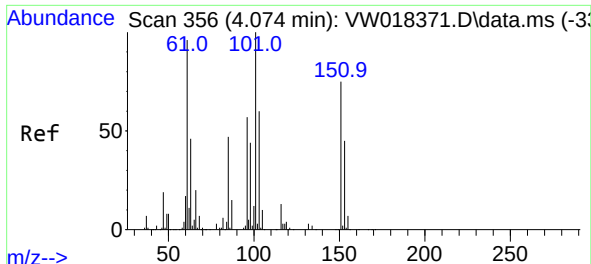
Tgt Ion: 64 Resp: 35503
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 3.69 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 101 Resp: 26068
Ion Ratio Lower Upper
101 100
103 64.4 45.6 84.8

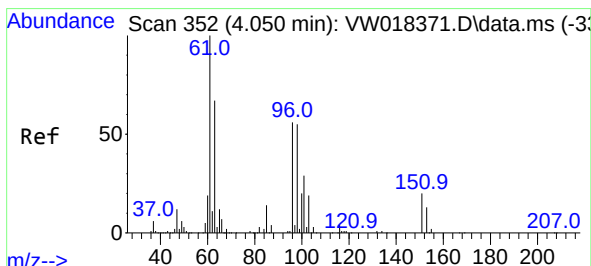
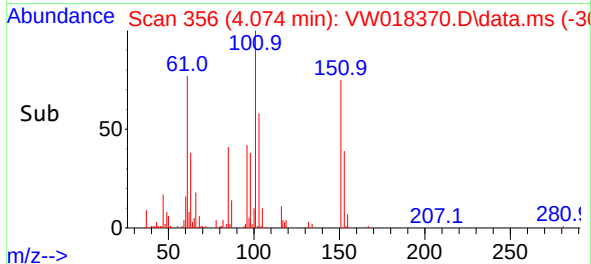
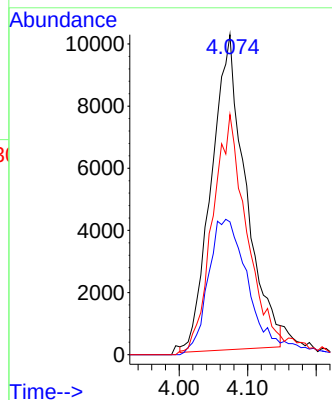
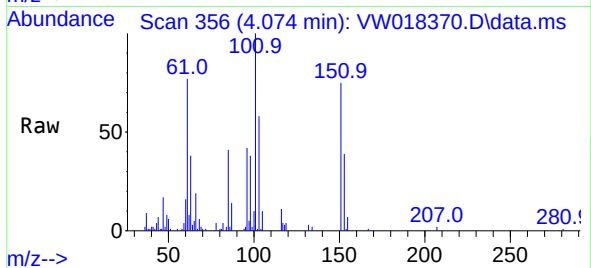




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.05 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

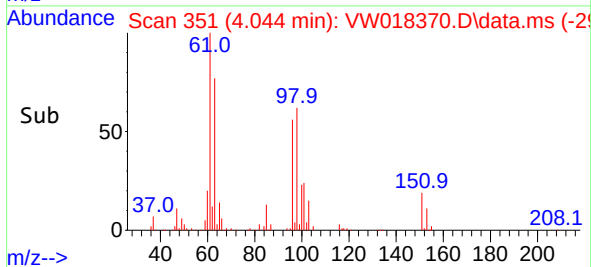
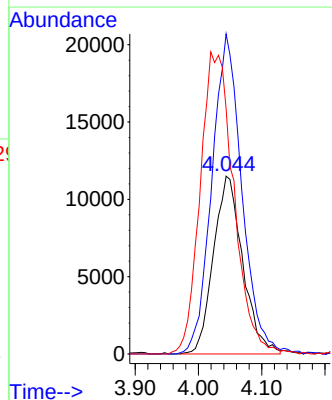
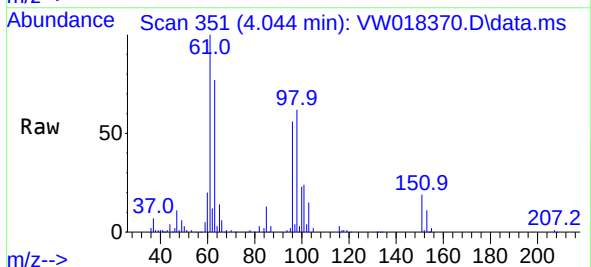
Instrument :
MSVOA_W
ClientSampled :

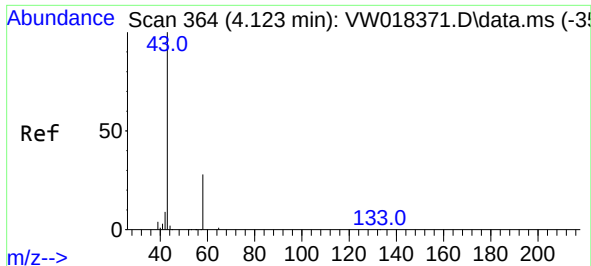
Tgt Ion:101 Resp: 35317
Ion Ratio Lower Upper
101 100
85 19.4 35.6 53.4#
151 77.6 58.1 87.1



#12
1,1-Dichloroethene
Concen: 4.52 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 96 Resp: 36955
Ion Ratio Lower Upper
96 100
61 180.0 118.6 220.2
63 137.9 82.4 153.0

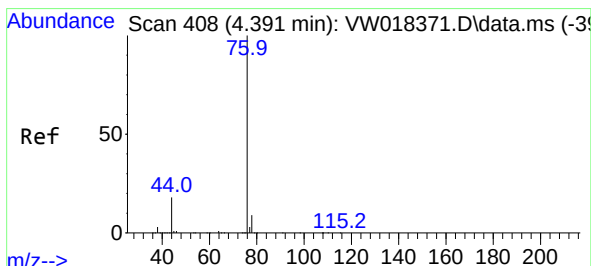
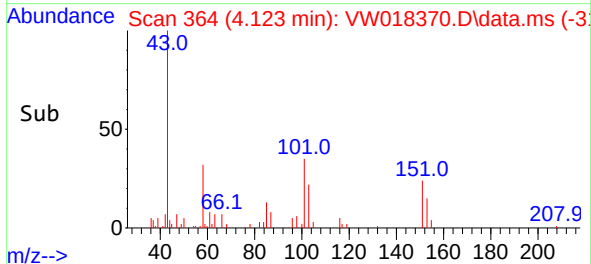
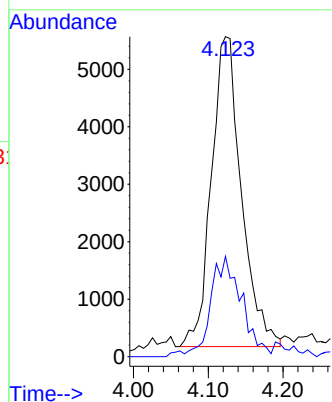
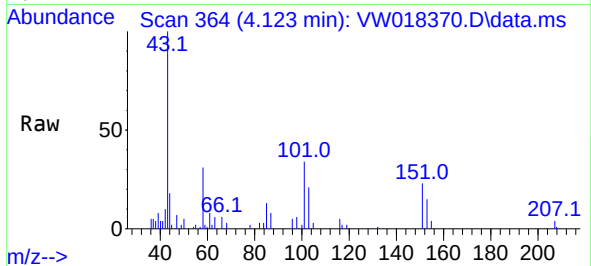




#13
Acetone
Concen: 11.50 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

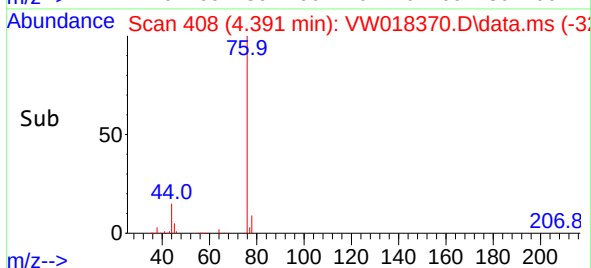
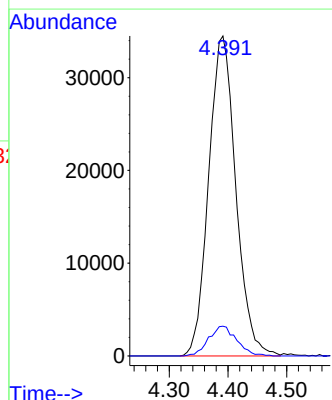
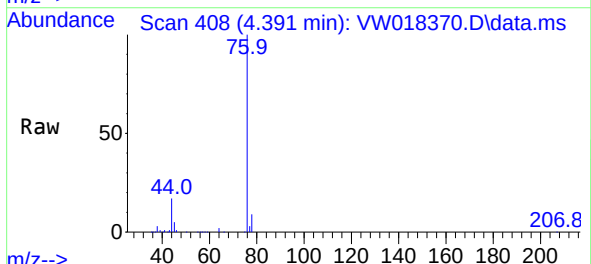
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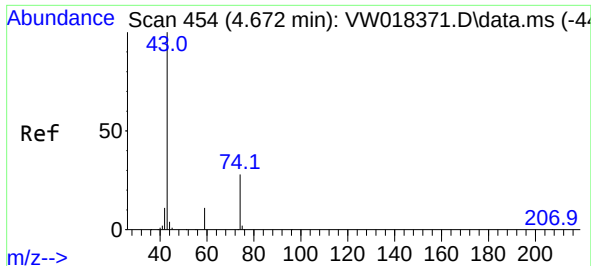
Tgt Ion: 43 Resp: 15050
Ion Ratio Lower Upper
43 100
58 31.7 0.0 62.2



#14
Carbon disulfide
Concen: 4.64 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 76 Resp: 110873
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

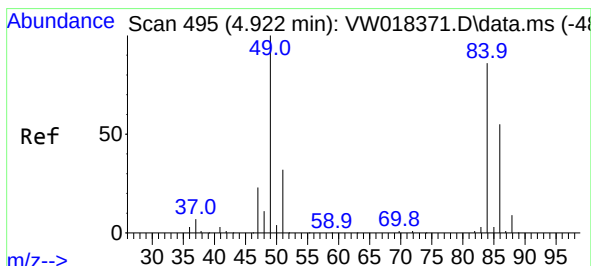
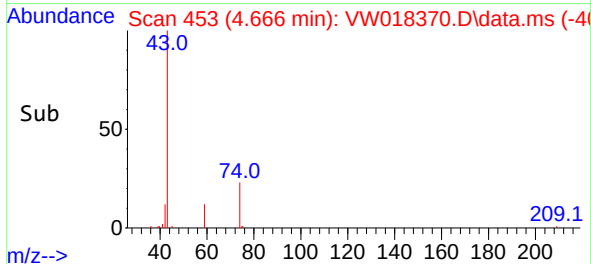
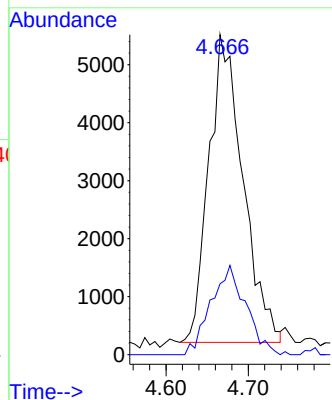
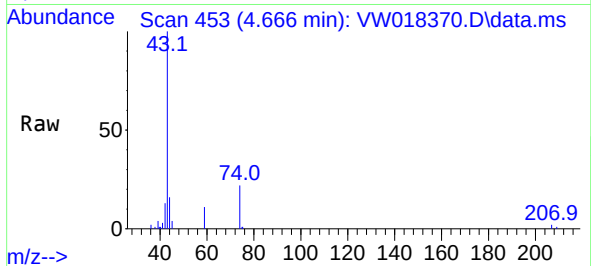




#15
Methyl Acetate
Concen: 5.31 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

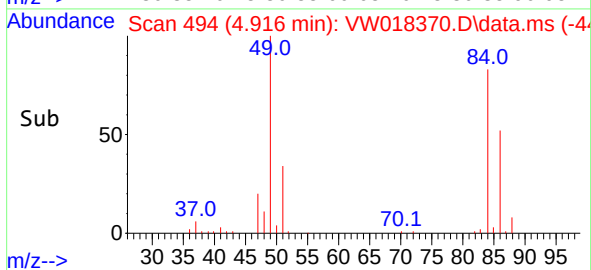
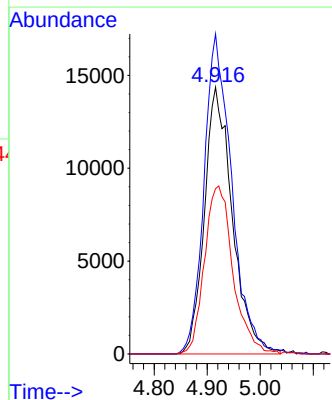
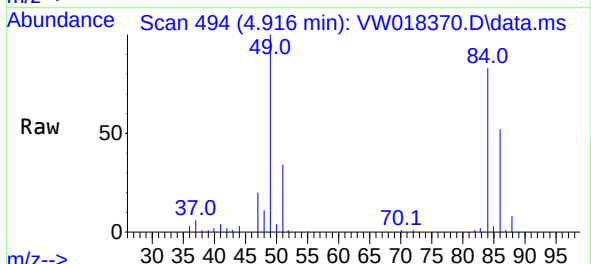
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ClientSampled :

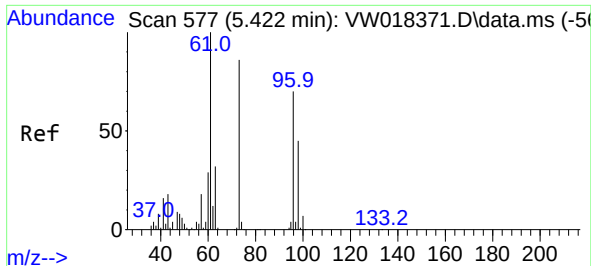
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Ion Ratio Lower Upper
43 100
74 28.5 22.9 34.3



#16
Methylene chloride
Concen: 5.45 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 84 Resp: 52545
Ion Ratio Lower Upper
84 100
49 120.0 74.4 138.2
86 62.0 46.1 85.7



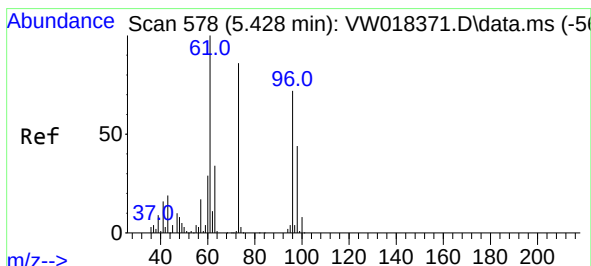
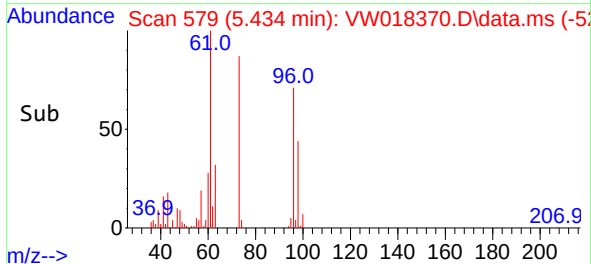
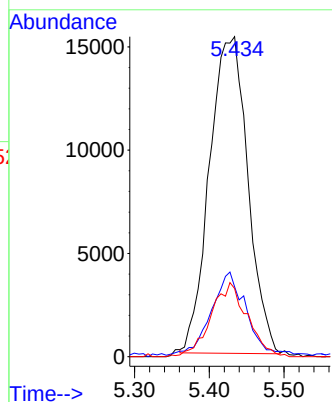
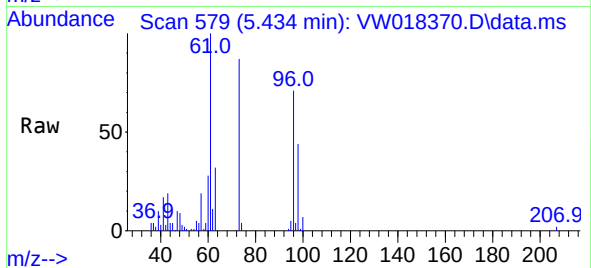


#17

Methyl tert-butyl Ether
Concen: 5.52 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Instrument :
MSVOA_W
ClientSampled :

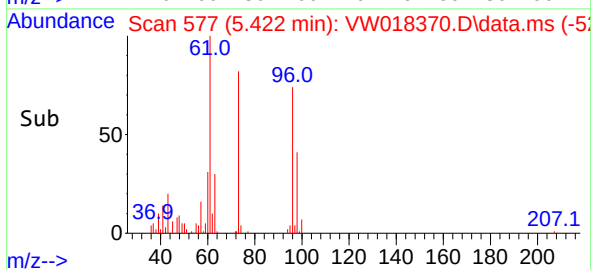
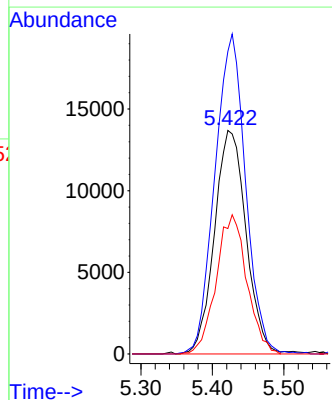
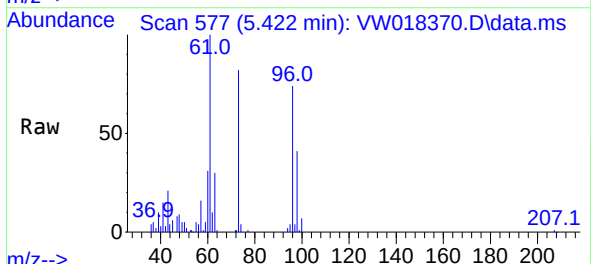
Tgt Ion:	73	Resp:	54783
Ion	Ratio	Lower	Upper
73	100		
43	23.6	16.6	24.8
57	11.9	15.9	23.9#

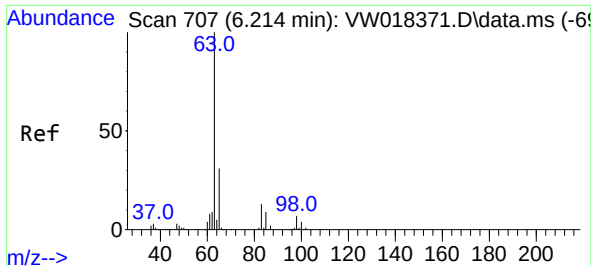


#18

trans-1,2-Dichloroethene
Concen: 4.81 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:	96	Resp:	41897
Ion	Ratio	Lower	Upper
96	100		
61	135.3	93.3	173.3
98	56.1	45.2	84.0





#19

1,1-Dichloroethane

Concen: 4.96 ug/L

RT: 6.220 min Scan# 708

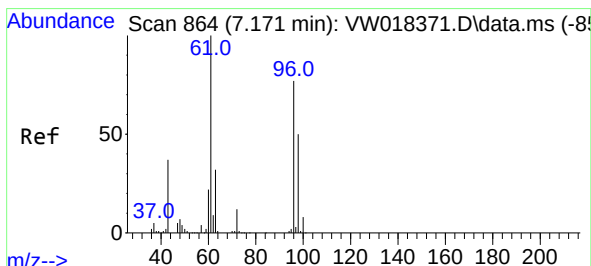
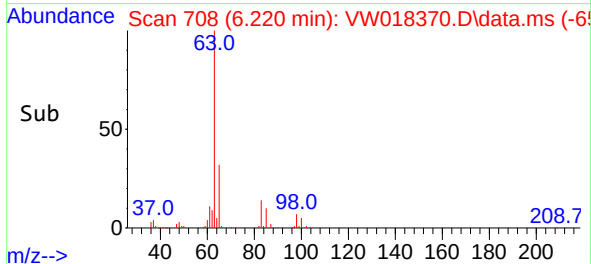
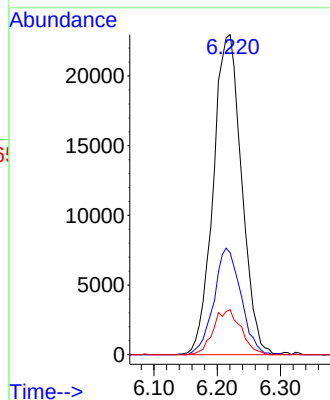
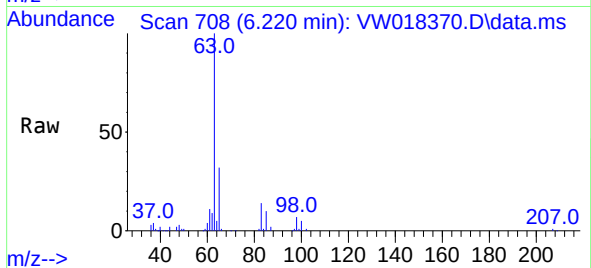
Delta R.T. 0.006 min

Lab File: VW018370.D

Acq: 18 Mar 2021 16:01

Tgt Ion: 63 Resp: 71436

Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.5	43.7
83	14.1	10.3	19.1



#22

cis-1,2-Dichloroethene

Concen: 4.67 ug/L

RT: 7.165 min Scan# 863

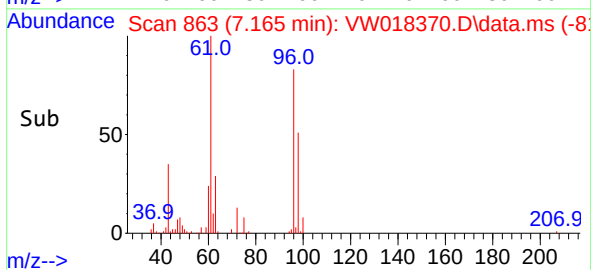
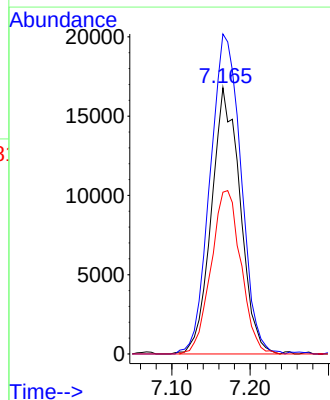
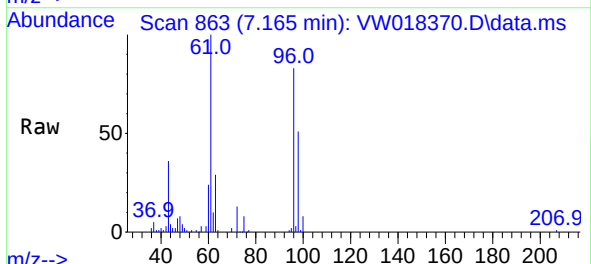
Delta R.T. -0.006 min

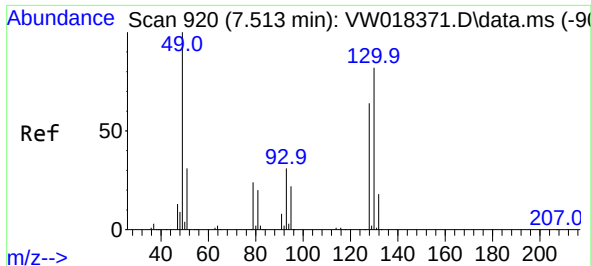
Lab File: VW018370.D

Acq: 18 Mar 2021 16:01

Tgt Ion: 96 Resp: 42691

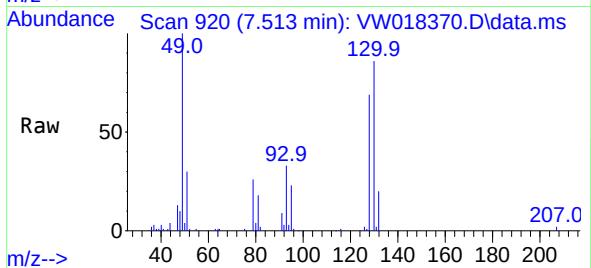
Ion	Ratio	Lower	Upper
96	100		
61	120.2	84.8	157.6
98	60.8	45.1	83.9



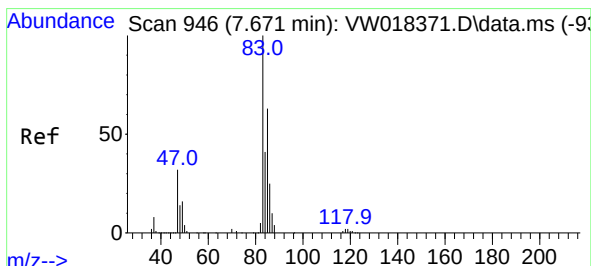
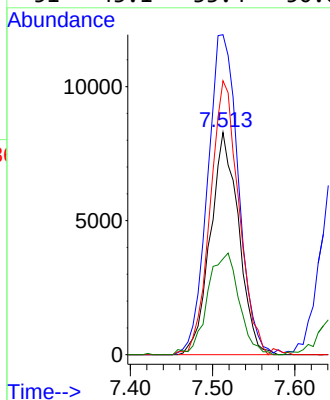
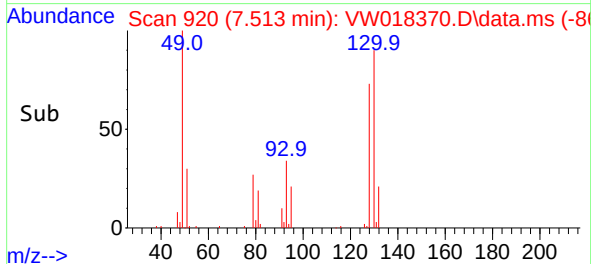


#23
Bromochloromethane
Concen: 4.85 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

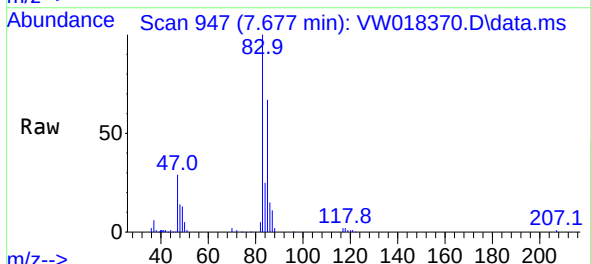
Instrument :
MSVOA_W
ClientSampled :



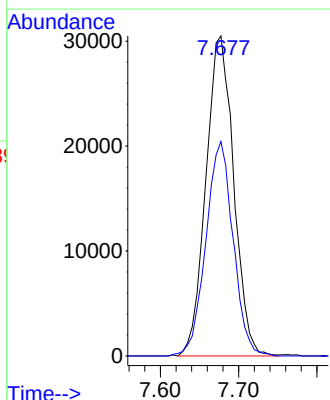
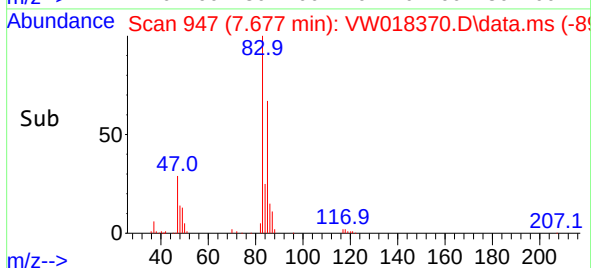
Tgt Ion:128 Resp: 19830
Ion Ratio Lower Upper
128 100
49 143.9 92.4 171.6
130 123.2 83.9 155.7
51 43.1 33.4 50.0

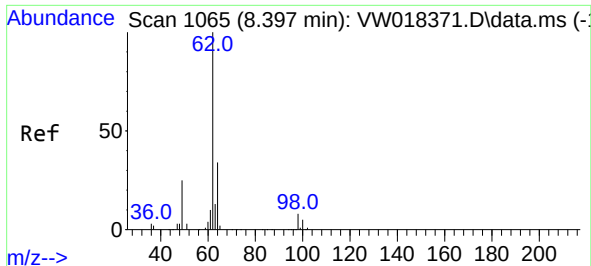


#25
Chloroform
Concen: 4.64 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01



Tgt Ion: 83 Resp: 75344
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2

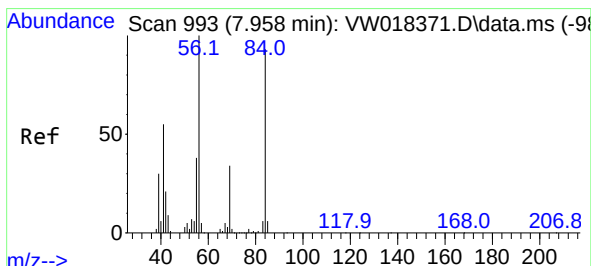
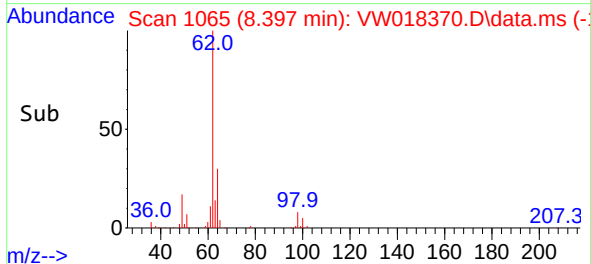
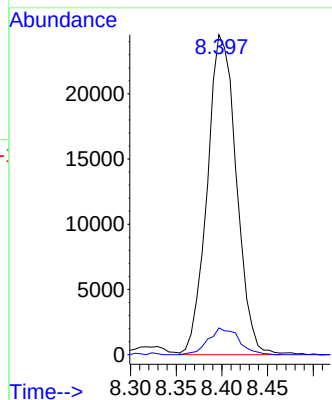
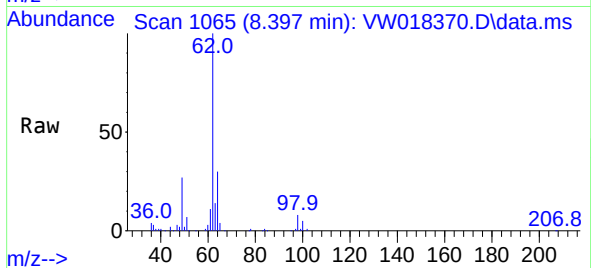




#27
1,2-Dichloroethane
Concen: 4.93 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

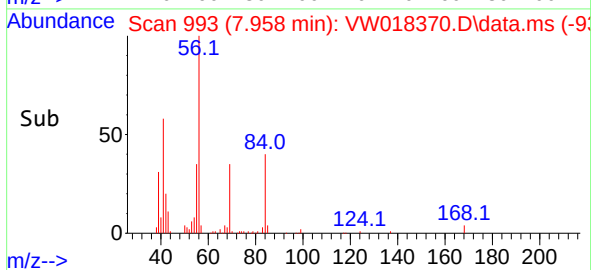
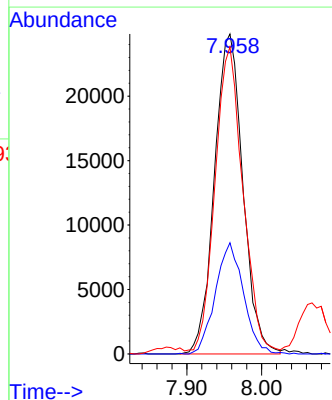
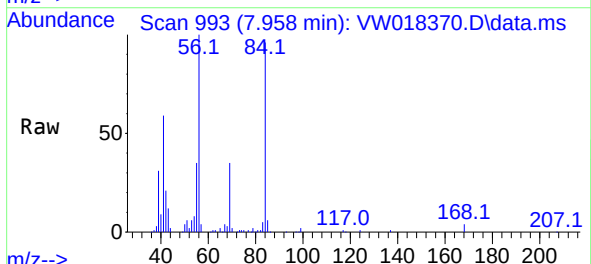
Instrument :
MSVOA_W
ClientSampled :

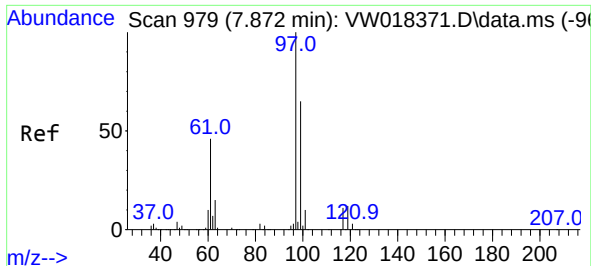
Tgt Ion: 62 Resp: 54389
Ion Ratio Lower Upper
62 100
98 8.4 6.4 9.6



#30
Cyclohexane
Concen: 5.32 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 56 Resp: 65652
Ion Ratio Lower Upper
56 100
69 34.2 27.0 40.6
84 94.3 79.9 119.9

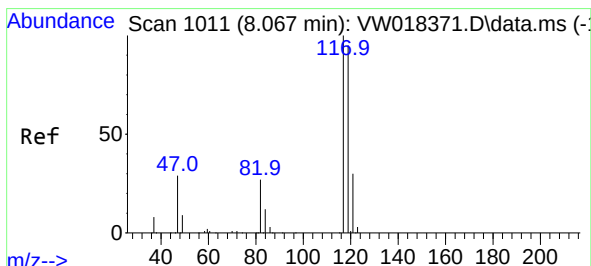
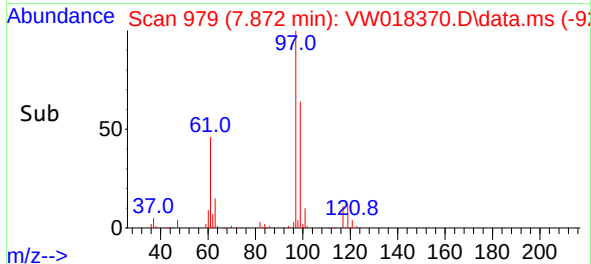
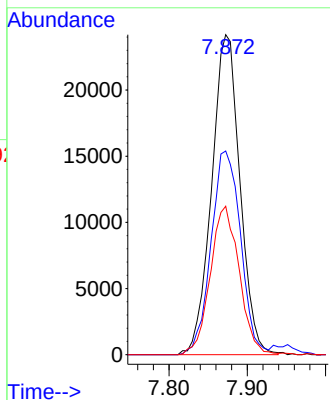
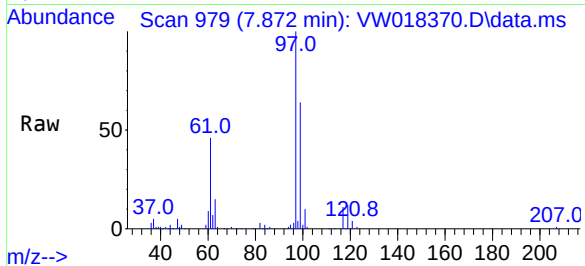




#31
1,1,1-Trichloroethane
Concen: 4.47 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

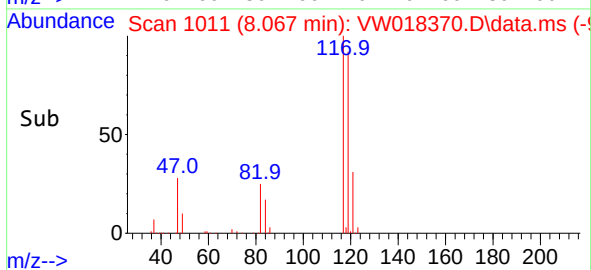
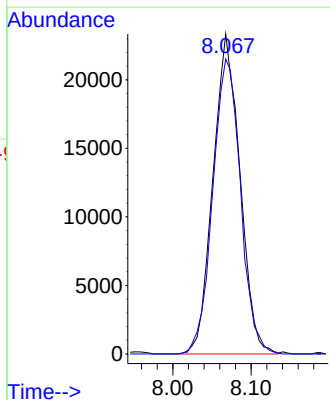
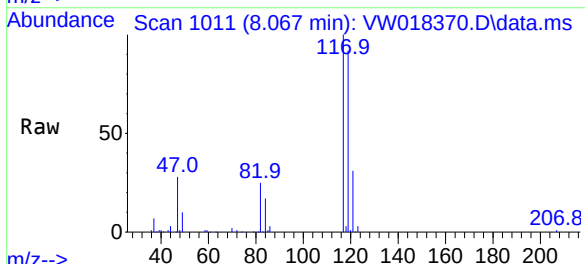
Instrument :
MSVOA_W
ClientSampled :

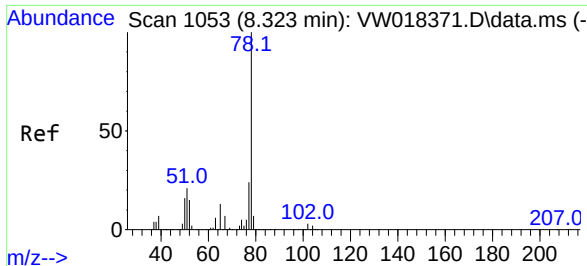
Tgt Ion: 97 Resp: 60763
Ion Ratio Lower Upper
97 100
99 66.5 51.7 77.5
61 47.4 34.8 52.2



#32
Carbon tetrachloride
Concen: 4.26 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

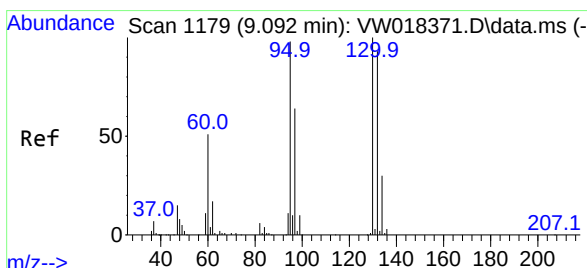
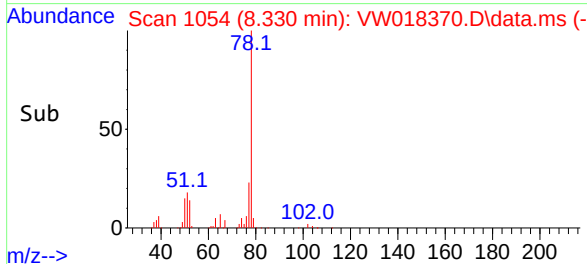
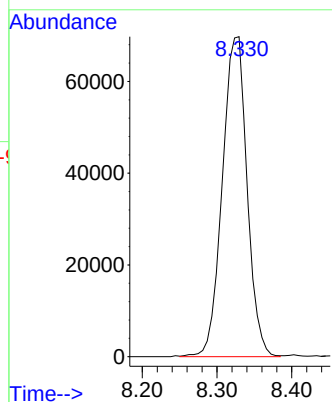
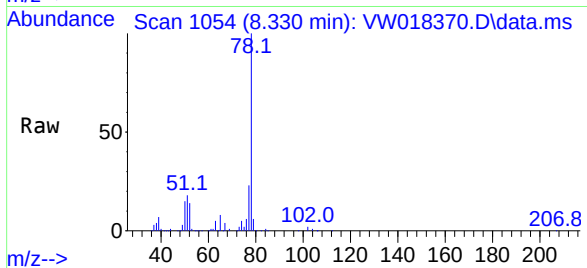
Tgt Ion: 117 Resp: 55682
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1





#34
Benzene
Concen: 4.93 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01
Tgt Ion: 78 Resp: 160821

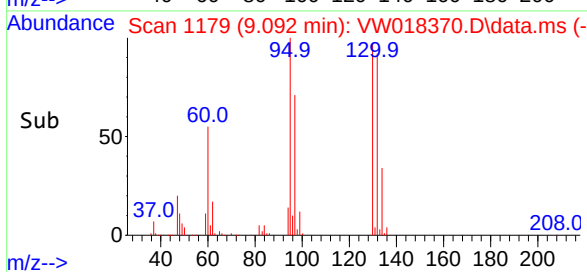
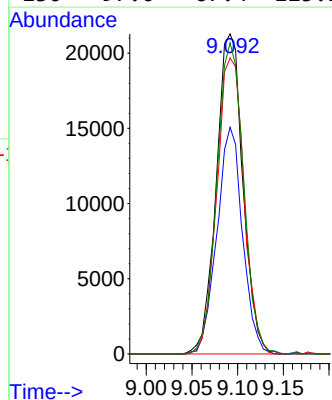
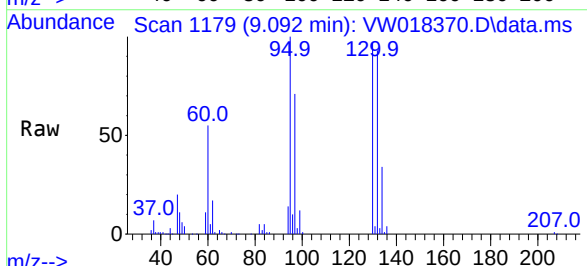
Instrument :
MSVOA_W
ClientSampled :

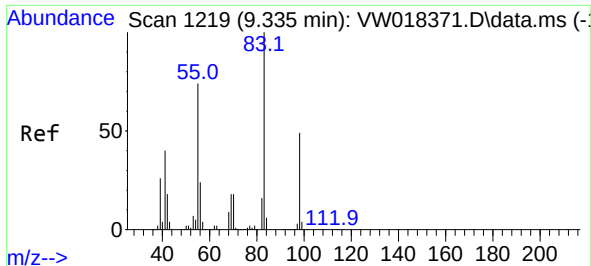


#35
Trichloroethene
Concen: 4.59 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 95 Resp: 43198

Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.4	82.4
132	93.9	65.9	122.5
130	97.0	67.4	125.2

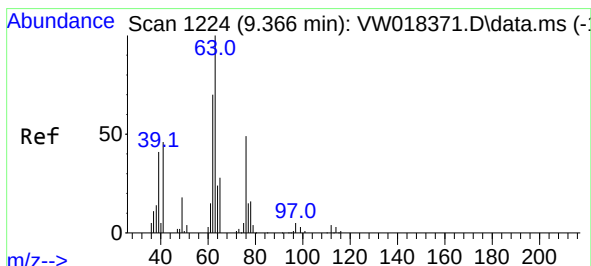
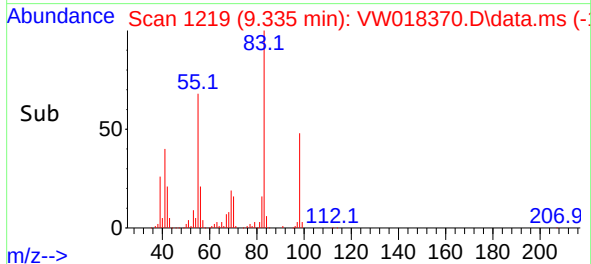
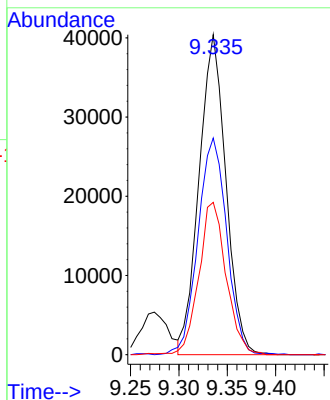
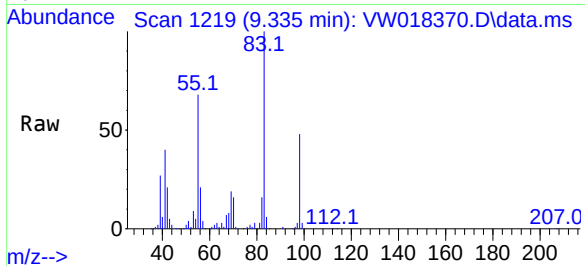




#36
Methylcyclohexane
Concen: 5.07 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

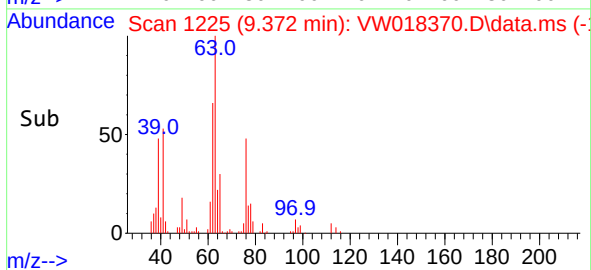
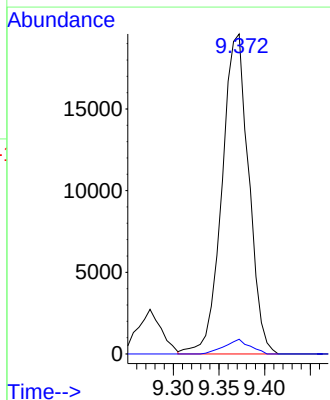
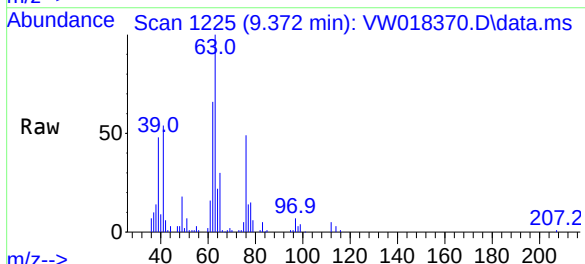
Instrument :
MSVOA_W
ClientSampled :

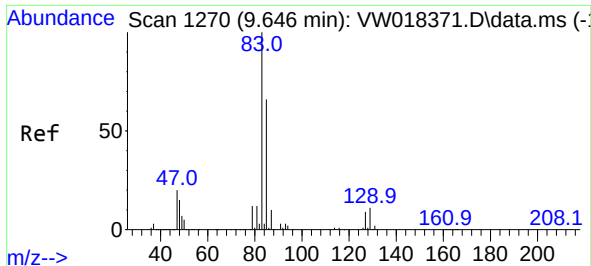
Tgt Ion: 83 Resp: 78033
Ion Ratio Lower Upper
83 100
55 72.4 56.8 85.2
98 48.2 40.6 61.0



#40
1,2-Dichloropropane
Concen: 5.23 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 63 Resp: 39963
Ion Ratio Lower Upper
63 100
112 4.3 4.2 6.4

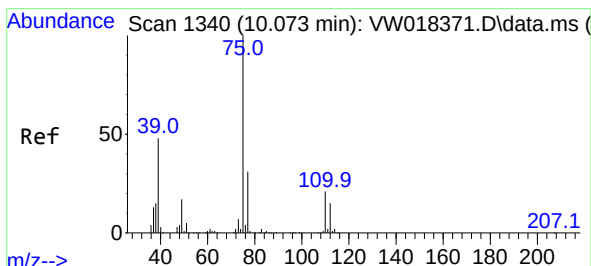
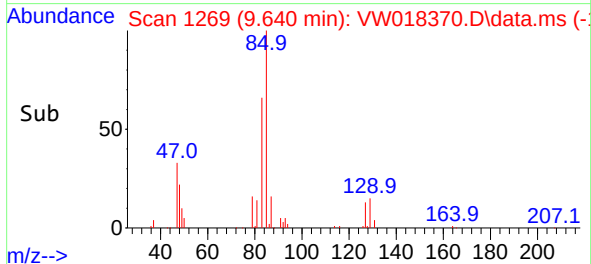
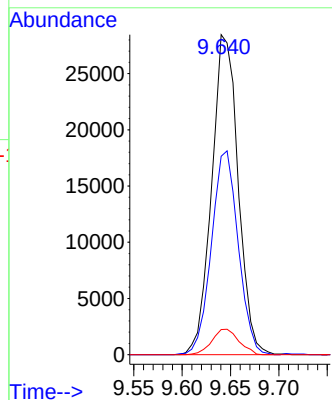
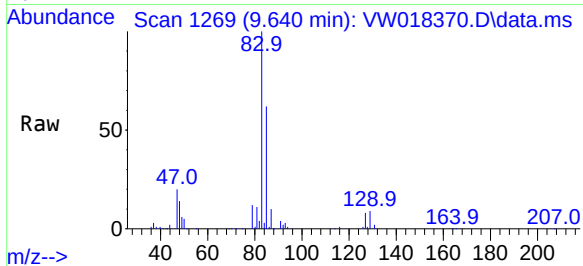




#41
Bromodichloromethane
Concen: 4.62 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

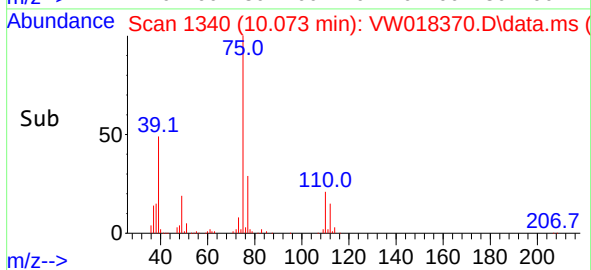
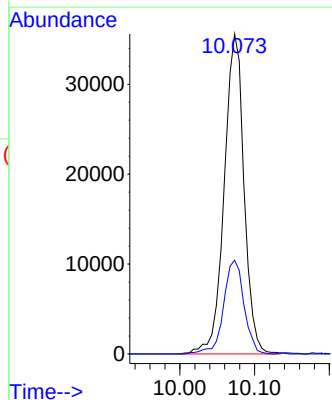
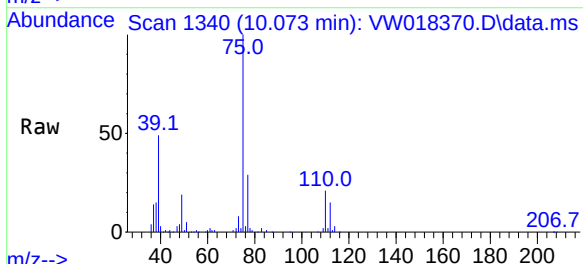
Instrument :
MSVOA_W
ClientSampled :

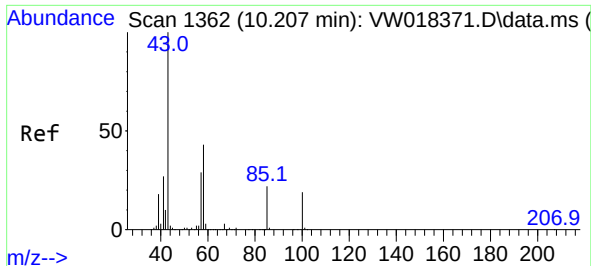
Tgt Ion:	83	Resp:	54114
Ion Ratio	Lower	Upper	
83	100		
85	62.0	43.8	81.4
127	8.7	6.9	10.3



#42
cis-1,3-Dichloropropene
Concen: 5.11 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:	75	Resp:	65703
Ion Ratio	Lower	Upper	
75	100		
77	29.3	22.4	41.6

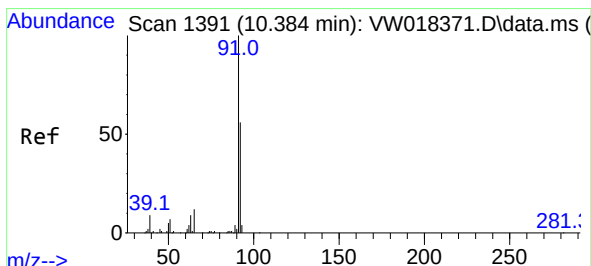
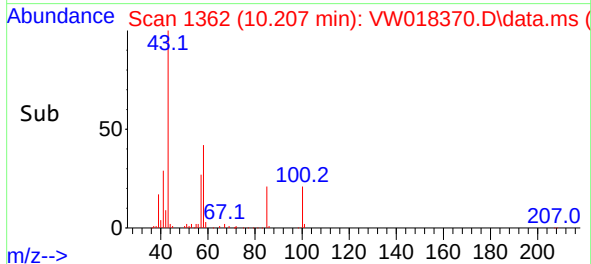
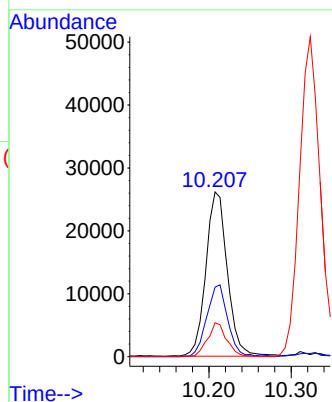
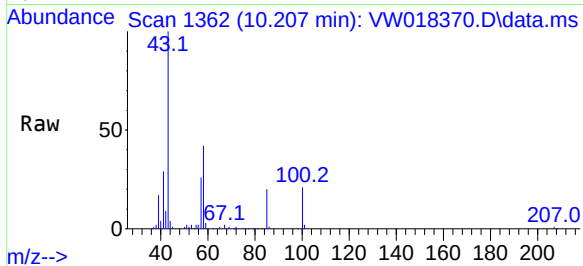




#43
4-Methyl-2-pentanone
Concen: 11.50 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

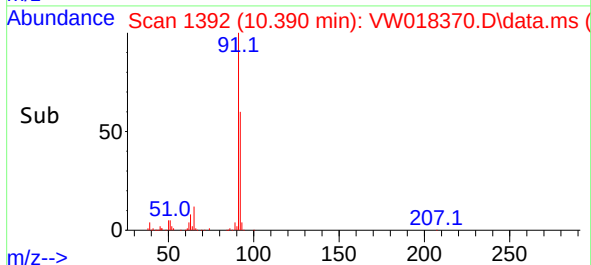
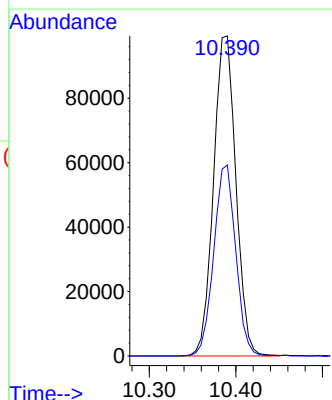
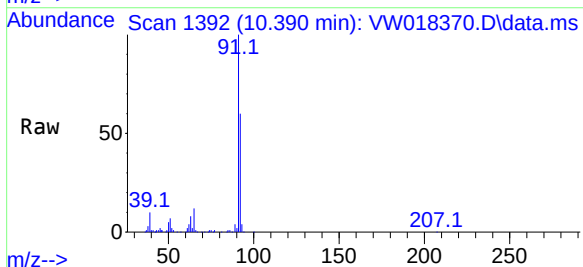
Instrument :
MSVOA_W
ClientSampled :

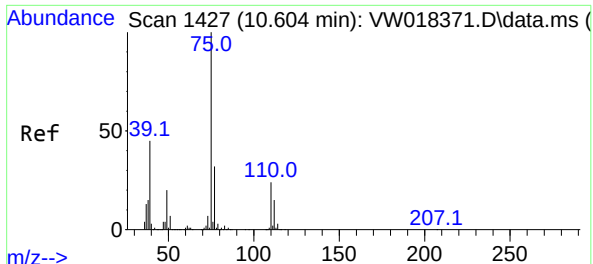
Tgt Ion:	43	Resp:	47411
Ion	Ratio	Lower	Upper
43	100		
58	42.0	34.8	52.2
100	18.5	15.9	23.9



#44
Toluene
Concen: 4.89 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:	91	Resp:	178311
Ion	Ratio	Lower	Upper
91	100		
92	59.7	42.3	78.5

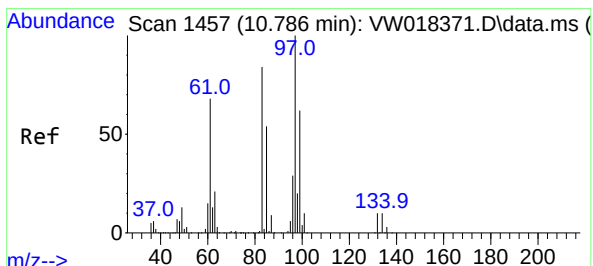
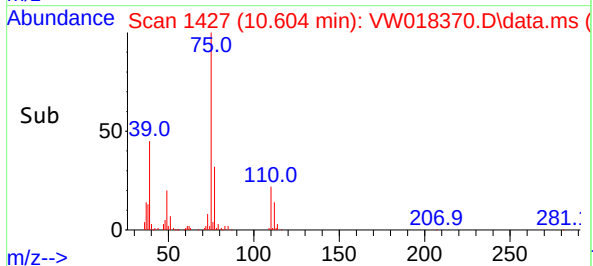
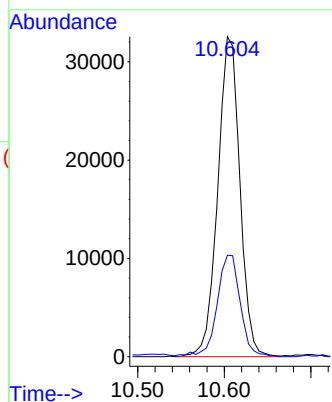
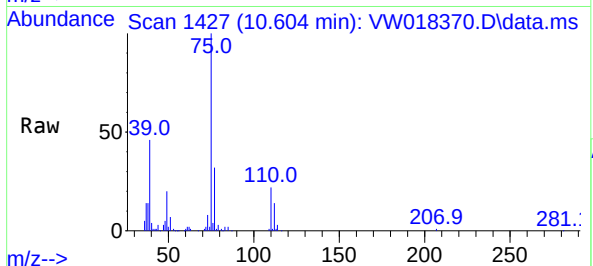




#45
trans-1,3-Dichloropropene
Concen: 4.98 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

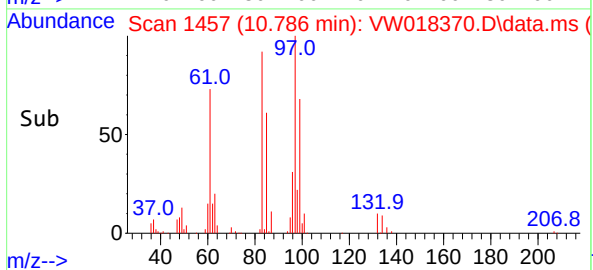
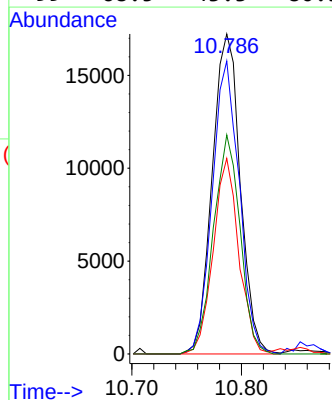
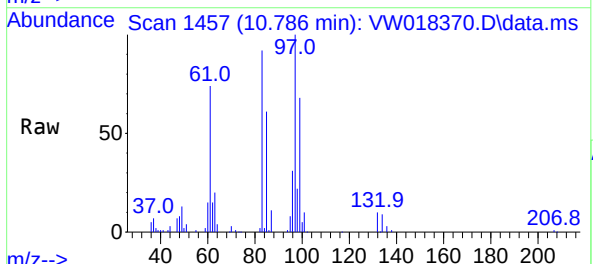
Instrument :
MSVOA_W
ClientSampled :

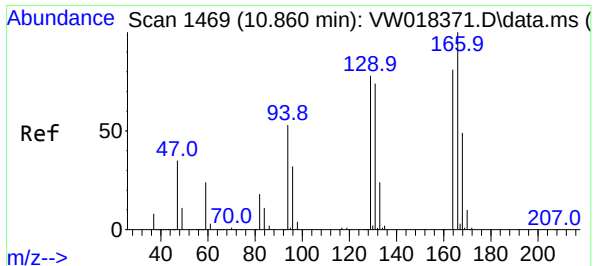
Tgt Ion: 75 Resp: 57797
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 4.86 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

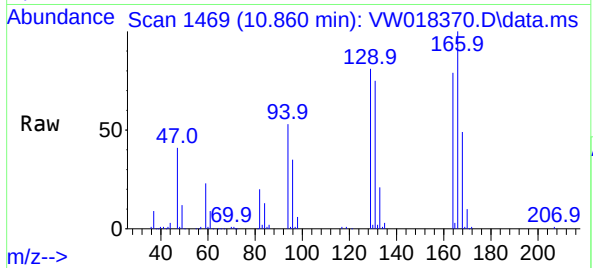
Tgt Ion: 97 Resp: 30590
Ion Ratio Lower Upper
97 100
83 91.6 58.9 109.5
85 61.1 38.4 71.4
99 68.5 43.3 80.3



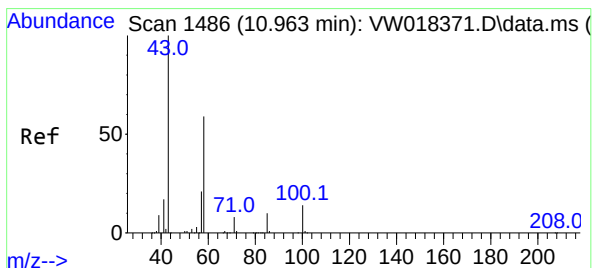
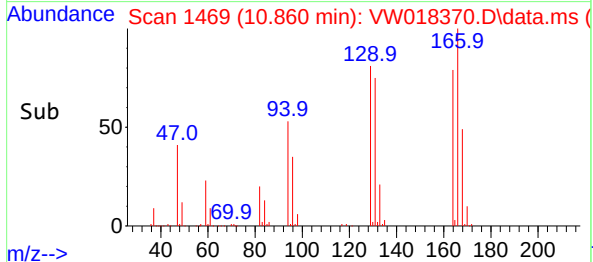
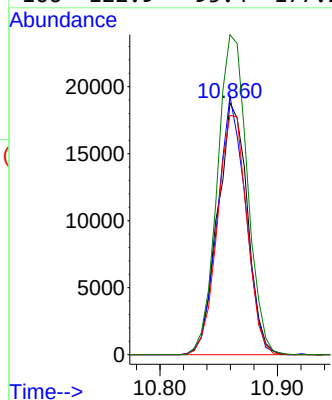


#47
Tetrachloroethene
Concen: 4.66 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

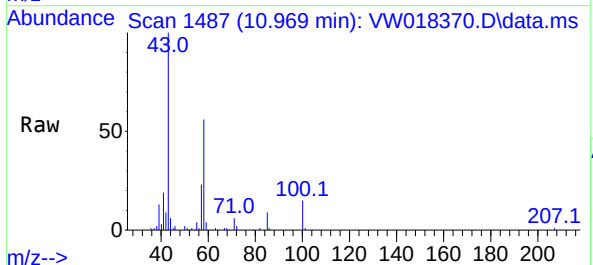
Instrument :
MSVOA_W
ClientSampled :



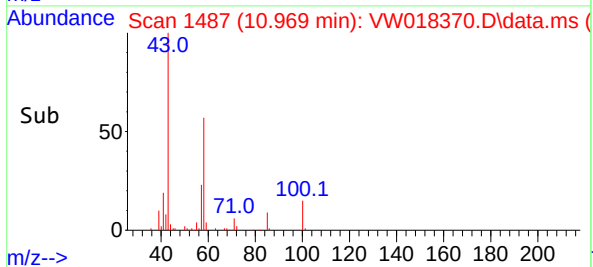
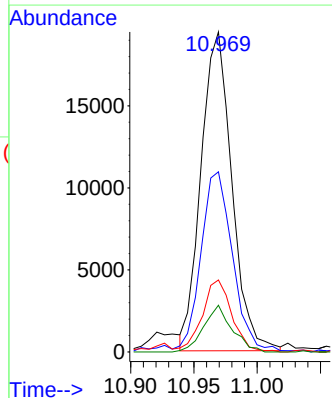
Tgt Ion:164 Resp: 32945
Ion Ratio Lower Upper
164 100
129 99.3 68.8 127.8
131 91.9 68.3 126.8
166 122.9 95.4 177.2

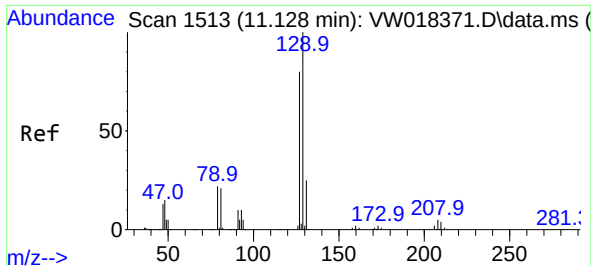


#49
2-Hexanone
Concen: 11.54 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01



Tgt Ion: 43 Resp: 33035
Ion Ratio Lower Upper
43 100
58 57.3 47.3 70.9
57 21.8 17.3 25.9
100 13.4 12.9 19.3

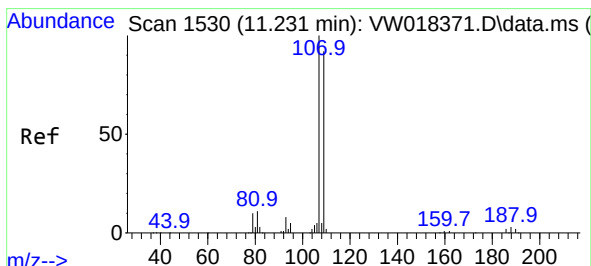
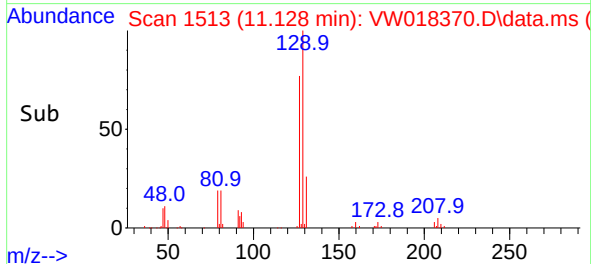
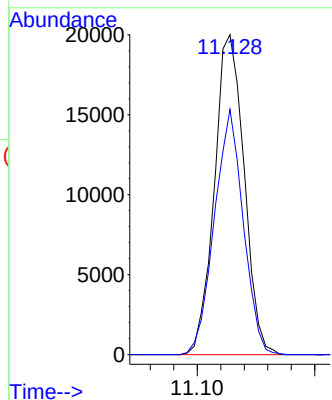
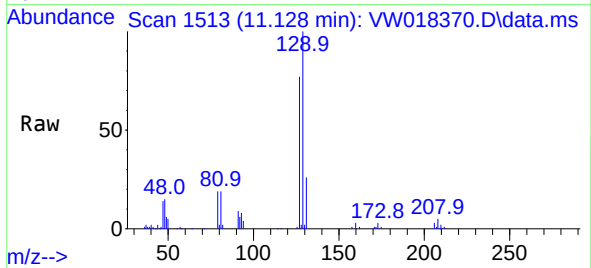




#50
Dibromochloromethane
Concen: 4.62 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

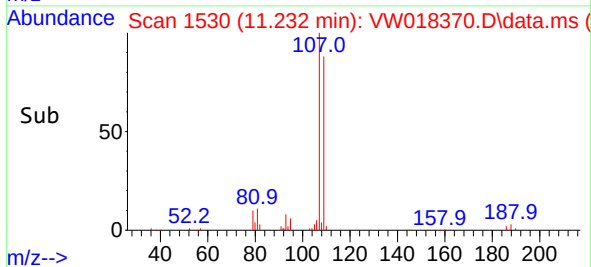
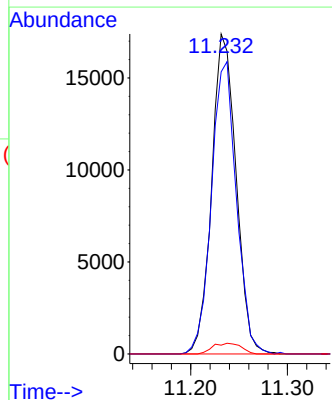
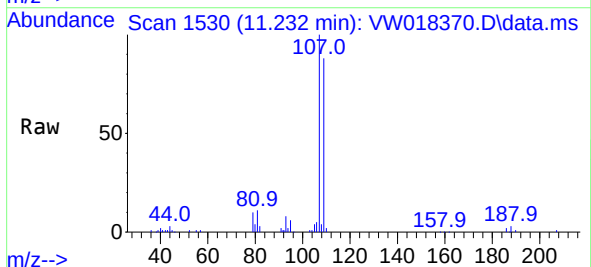
Instrument :
MSVOA_W
ClientSampled :

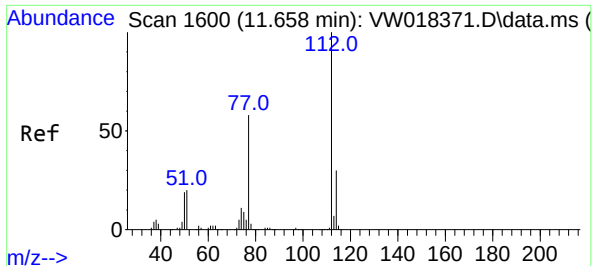
Tgt Ion:129 Resp: 35169
Ion Ratio Lower Upper
129 100
127 76.6 58.0 107.6



#51
1,2-Dibromoethane
Concen: 4.91 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:107 Resp: 30486
Ion Ratio Lower Upper
107 100
109 88.1 65.9 122.5
188 2.8 3.0 4.4#

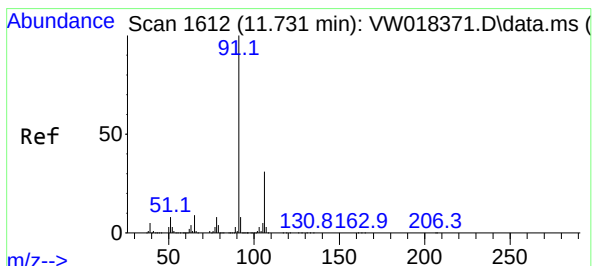
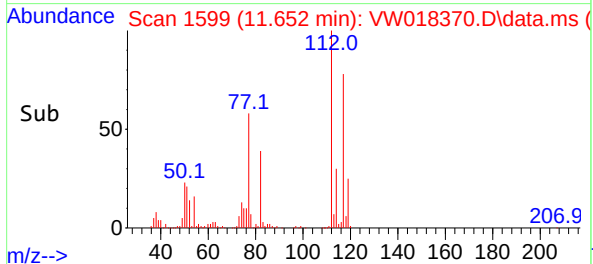
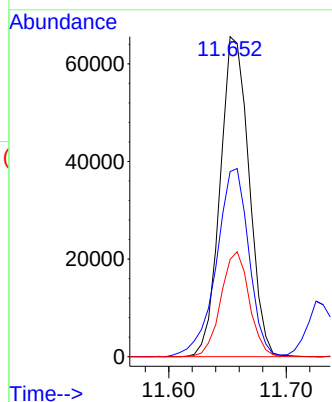
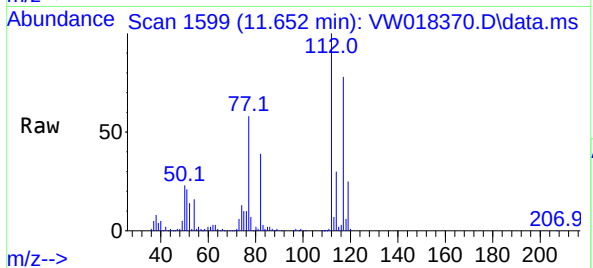




#52
Chlorobenzene
Concen: 4.74 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

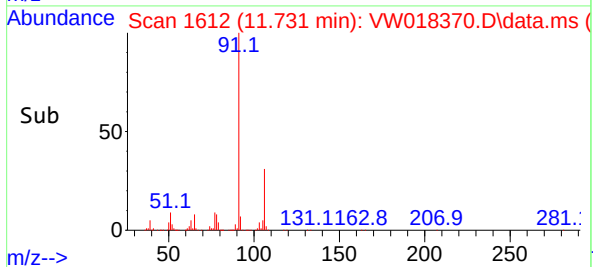
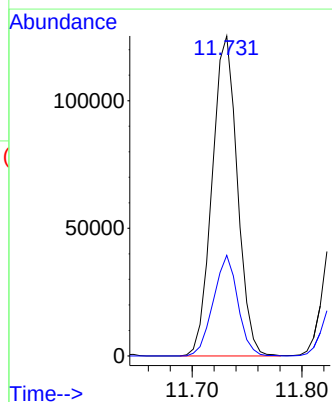
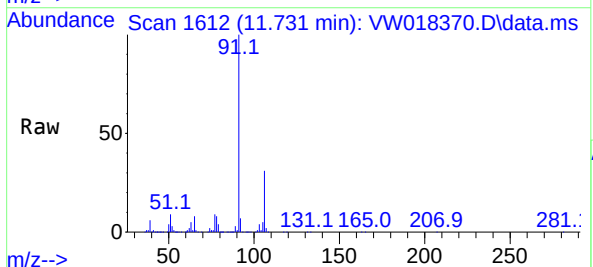
Instrument :
MSVOA_W
ClientSampleId :

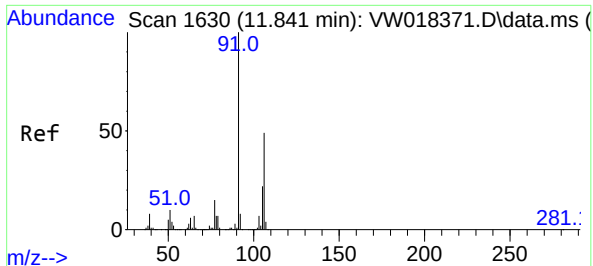
Tgt Ion:	112	Resp:	111916
Ion	Ratio	Lower	Upper
112	100		
77	57.9	45.4	68.2
114	30.4	22.5	41.9



#53
Ethylbenzene
Concen: 4.80 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:	91	Resp:	200287
Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.7	40.3

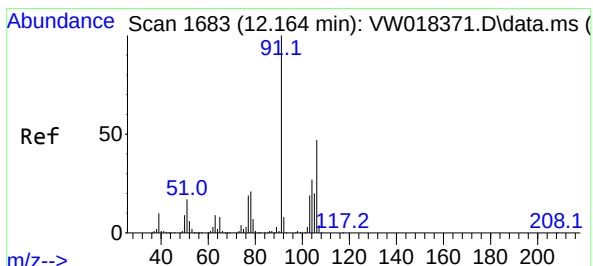
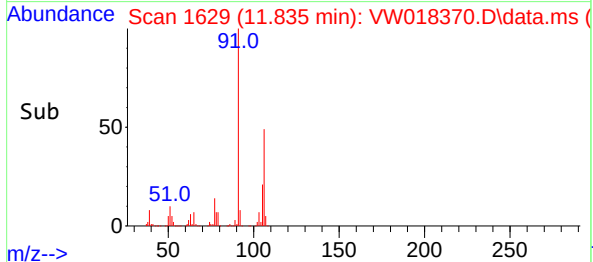
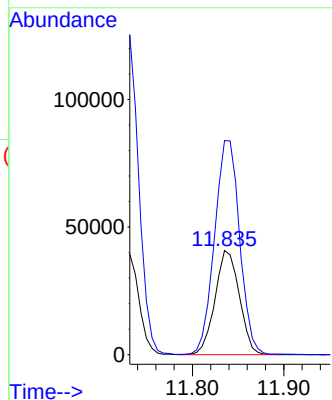
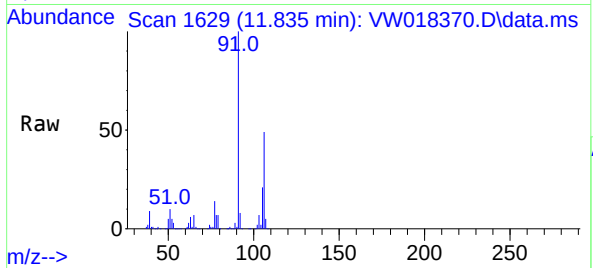




#54
m,p-Xylene
Concen: 4.75 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

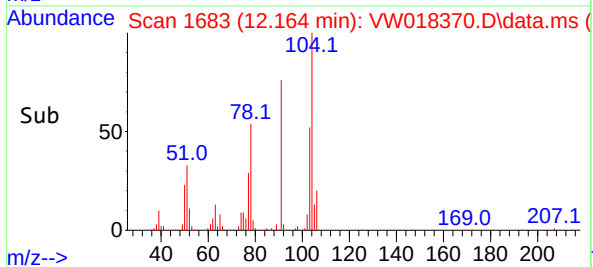
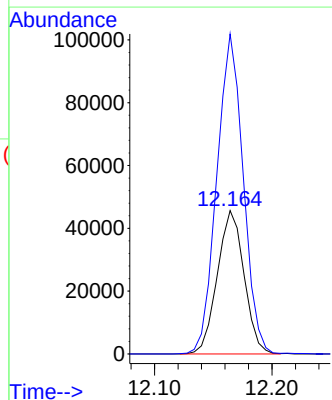
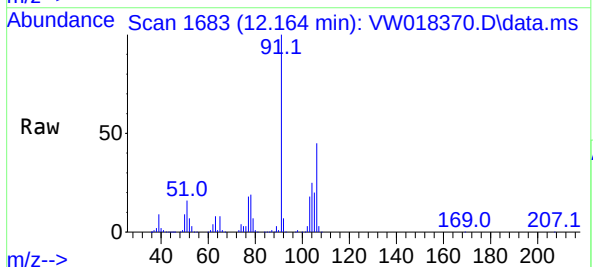
Instrument :
MSVOA_W
ClientSampled :

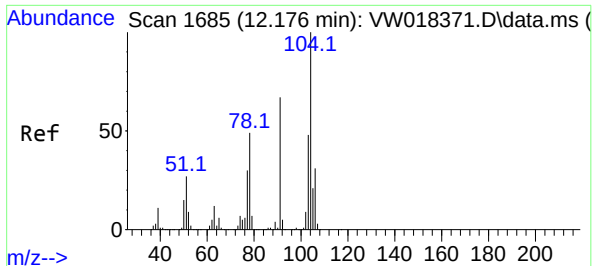
Tgt Ion:106 Resp: 75499
Ion Ratio Lower Upper
106 100
91 205.4 145.3 269.8



#55
o-xylene
Concen: 4.84 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:106 Resp: 72312
Ion Ratio Lower Upper
106 100
91 223.1 154.3 286.5

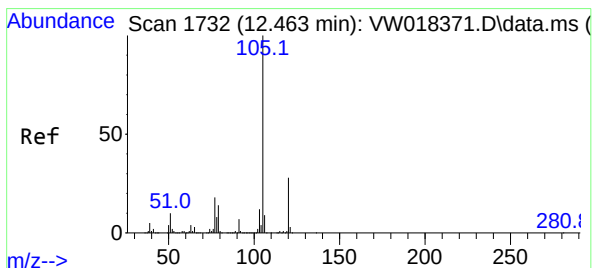
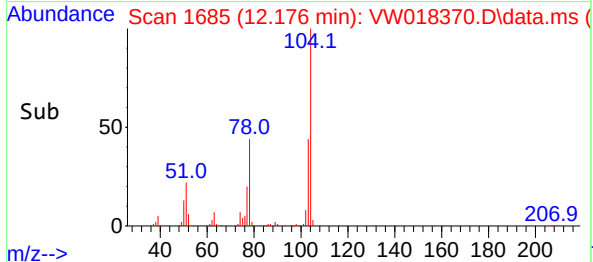
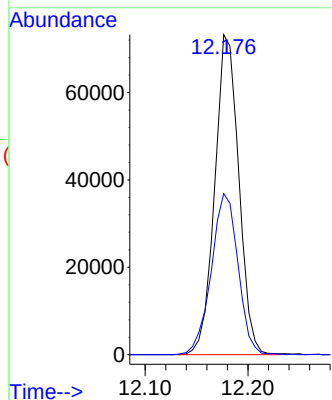
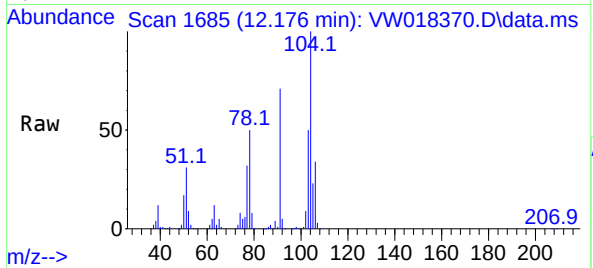




#56
Styrene
Concen: 4.65 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

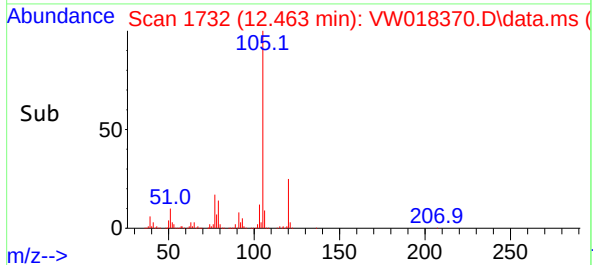
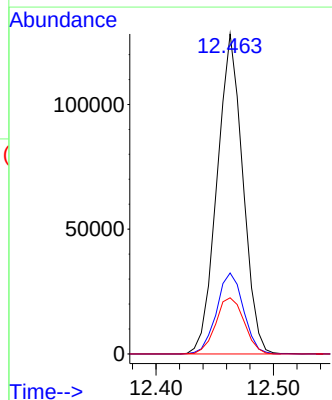
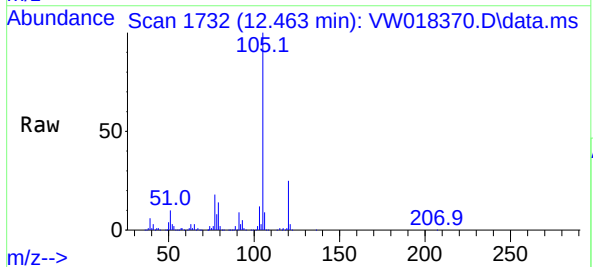
Instrument :
MSVOA_W
ClientSampled :

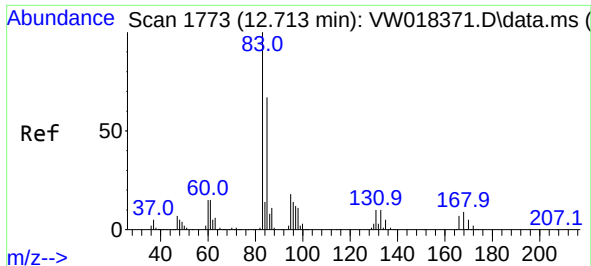
Tgt Ion:104 Resp: 118901
Ion Ratio Lower Upper
104 100
78 50.4 34.7 64.5



#57
Isopropylbenzene
Concen: 4.67 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:105 Resp: 195535
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 19.3 13.2 19.8

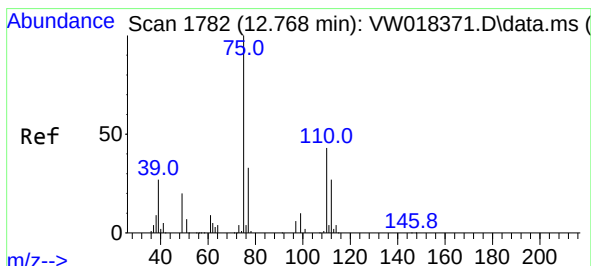
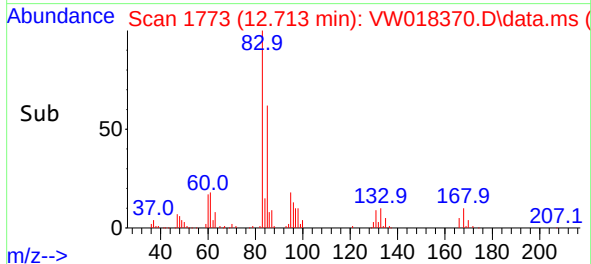
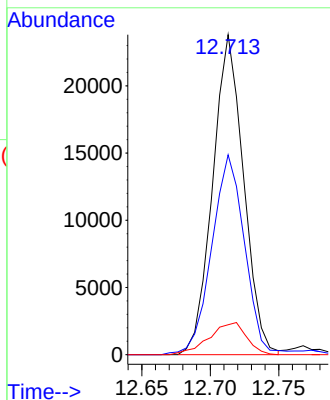
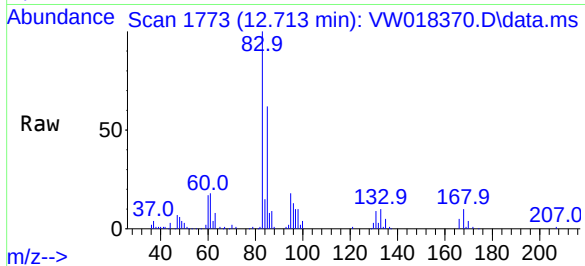




#58
1,1,2,2-Tetrachloroethane
Concen: 5.08 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

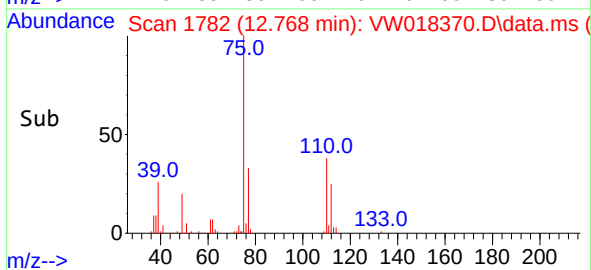
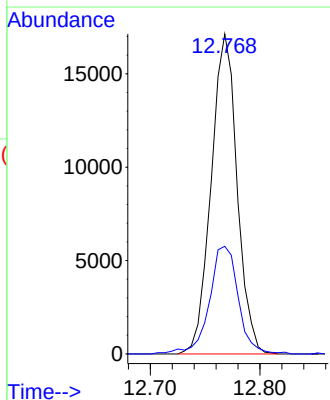
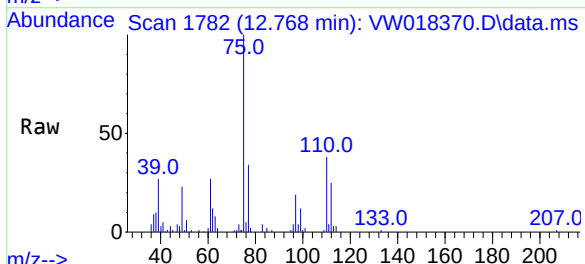
Instrument :
MSVOA_W
ClientSampled :

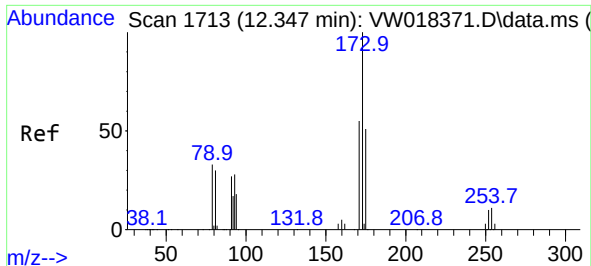
Tgt Ion:	83	Resp:	37417
Ion Ratio	Lower	Upper	
83	100		
85	62.5	49.0	91.0
131	9.3	8.7	13.1



#59
1,2,3-Trichloropropane
Concen: 5.06 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:	75	Resp:	28212
Ion Ratio	Lower	Upper	
75	100		
77	37.5	25.6	38.4

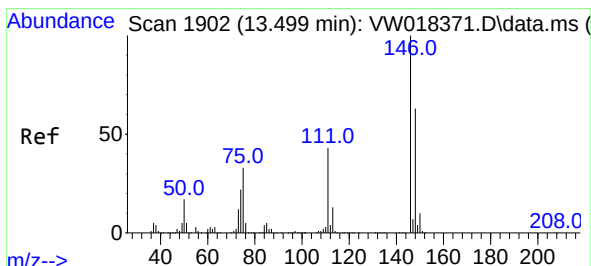
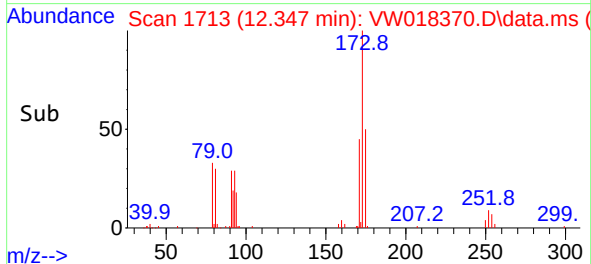
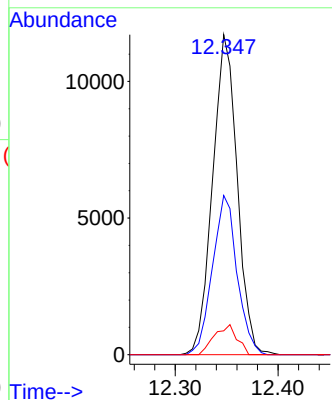
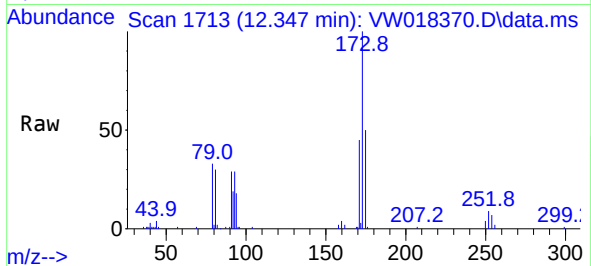




#62
Bromoform
Concen: 4.86 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

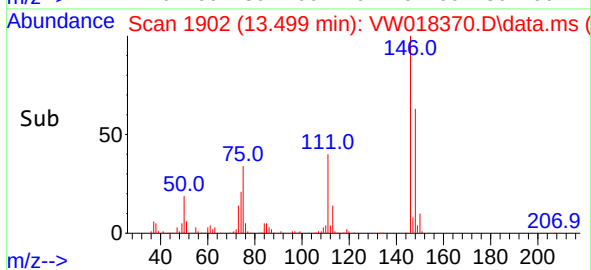
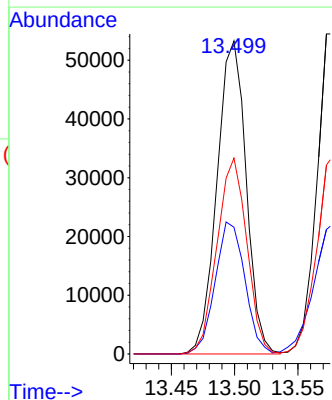
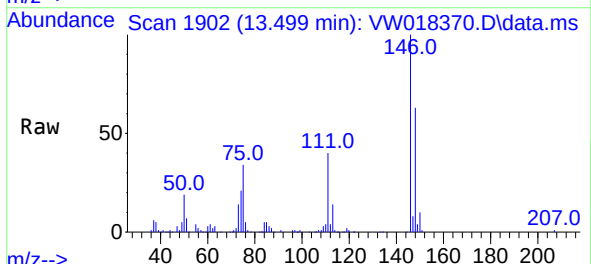
Instrument :
MSVOA_W
ClientSampled :

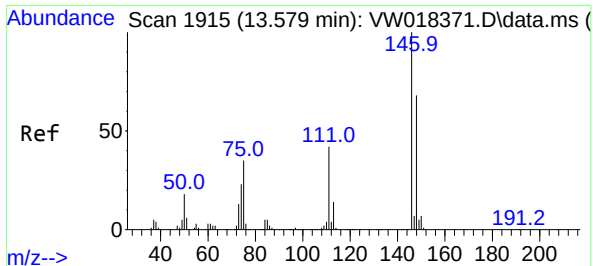
Tgt Ion:173 Resp: 19449
Ion Ratio Lower Upper
173 100
175 49.8 38.2 57.2
254 8.6 6.0 9.0



#63
1,3-Dichlorobenzene
Concen: 4.84 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:146 Resp: 85503
Ion Ratio Lower Upper
146 100
111 40.5 27.5 51.1
148 62.6 43.0 80.0

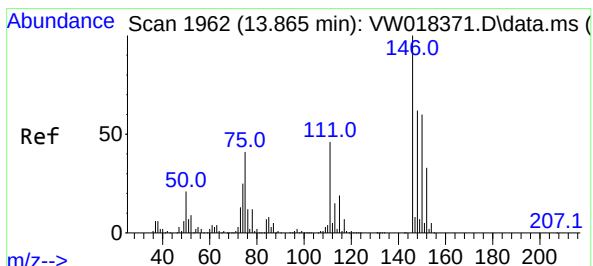
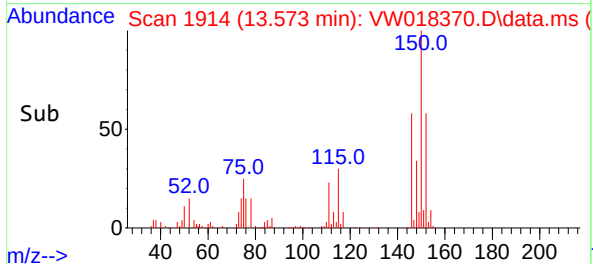
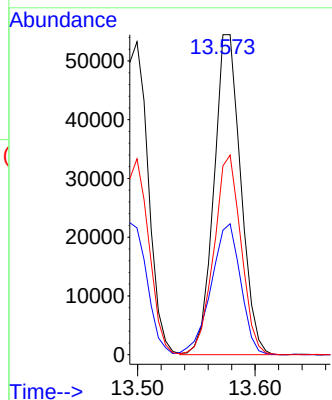
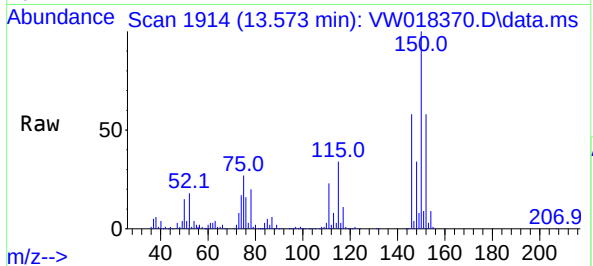




#64
1,4-Dichlorobenzene
Concen: 4.91 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

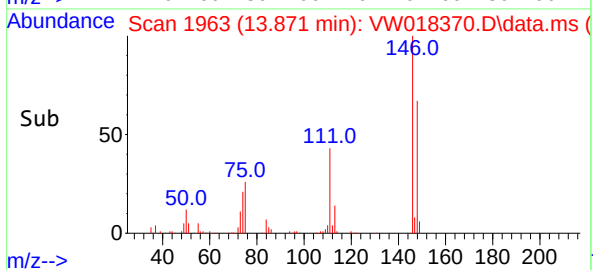
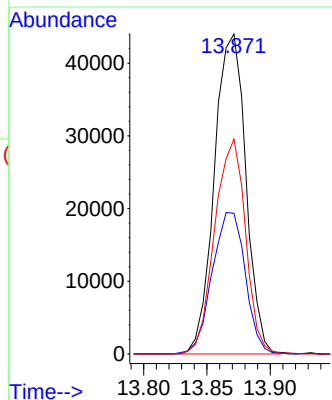
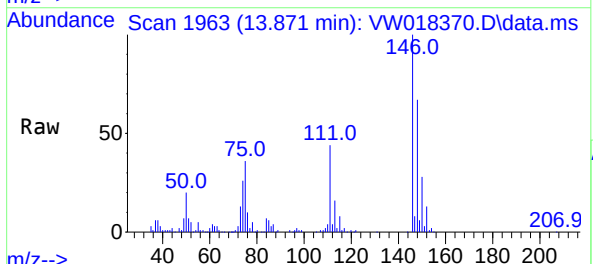
Instrument :
MSVOA_W
ClientSampleId :

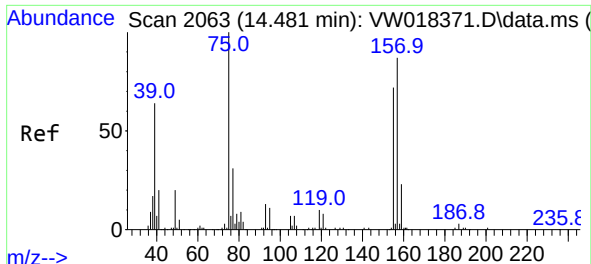
Tgt Ion:146 Resp: 86464
Ion Ratio Lower Upper
146 100
111 38.9 28.3 52.5
148 59.0 47.3 87.9



#65
1,2-Dichlorobenzene
Concen: 4.74 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:146 Resp: 76117
Ion Ratio Lower Upper
146 100
111 44.0 36.0 54.0
148 67.1 50.2 75.4

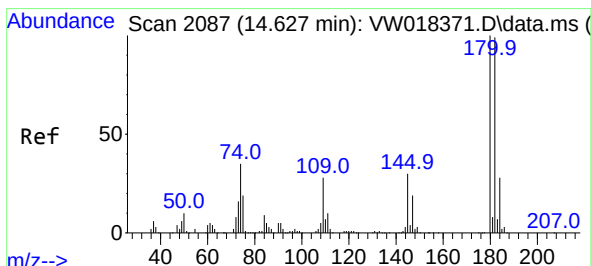
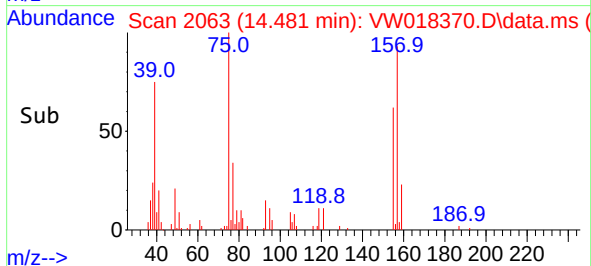
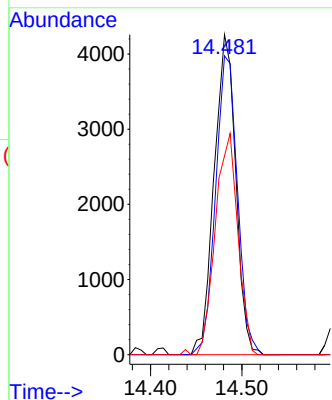
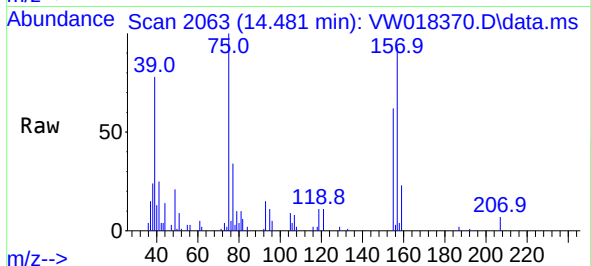




#66
1,2-Dibromo-3-chloropropane
Concen: 5.37 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

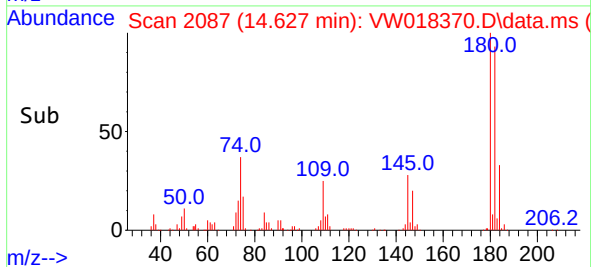
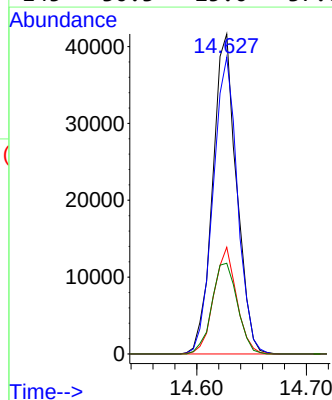
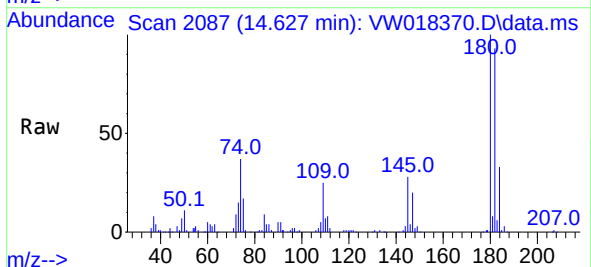
Instrument :
MSVOA_W
ClientSampled :

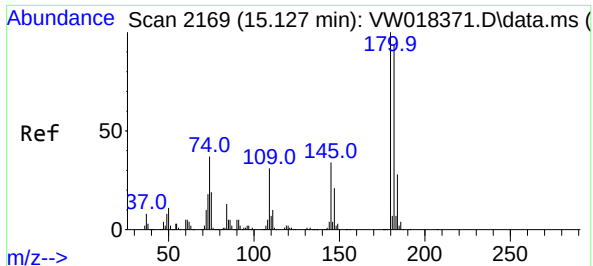
Tgt Ion: 75 Resp: 6977
Ion Ratio Lower Upper
75 100
157 93.4 65.2 97.8
155 62.1 60.1 90.1



#67
1,3,5-Trichlorobenzene
Concen: 4.90 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion: 180 Resp: 63034
Ion Ratio Lower Upper
180 100
182 94.7 71.8 107.8
184 31.8 23.5 35.3
145 30.3 25.0 37.6

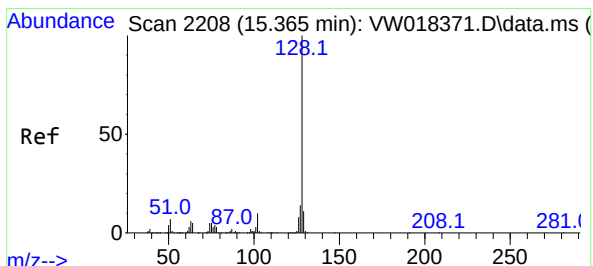
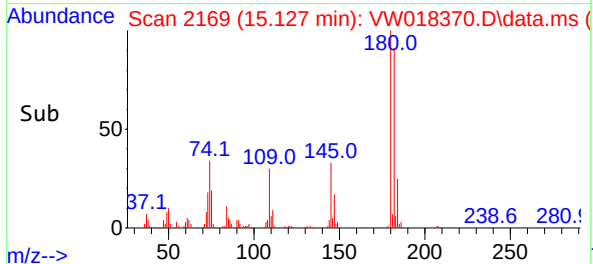
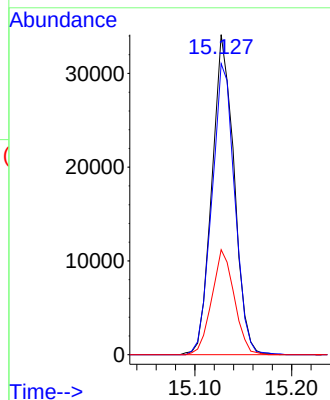
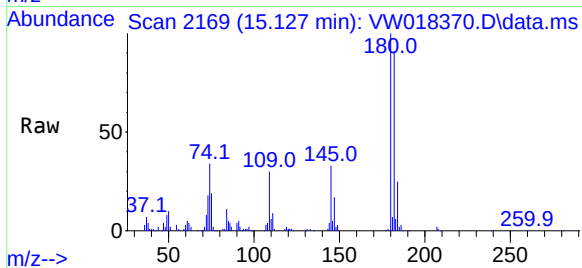




#68
1,2,4-trichlorobenzene
Concen: 5.08 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

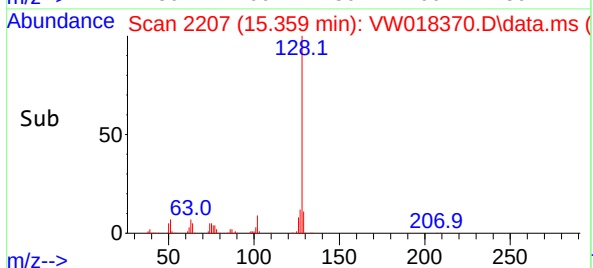
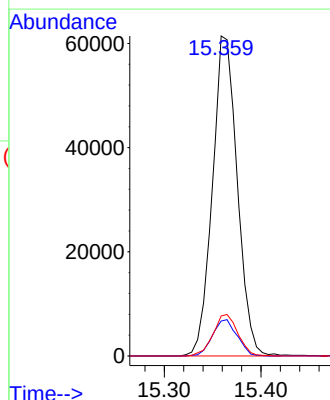
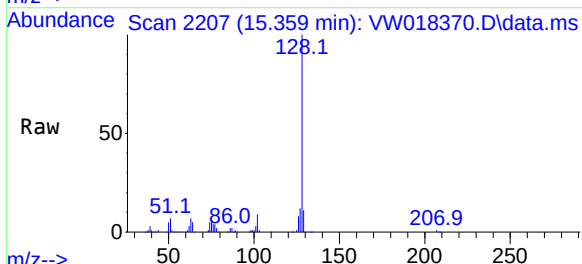
Instrument :
MSVOA_W
ClientSampleId :

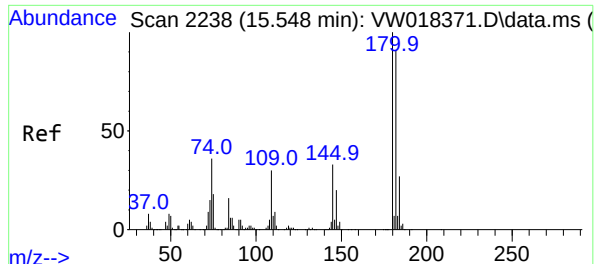
Tgt Ion:180 Resp: 54118
Ion Ratio Lower Upper
180 100
182 93.8 70.2 105.4
145 33.4 24.9 37.3



#69
Naphthalene
Concen: 5.12 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018370.D
Acq: 18 Mar 2021 16:01

Tgt Ion:128 Resp: 109716
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.7 16.1





1,2,3-Trichlorobenzene
 Concen: 4.86 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.006 min
 Lab File: VW018370.D
 Acq: 18 Mar 2021 16:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	45562
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.5	114.7
145	33.7	27.7	41.5

